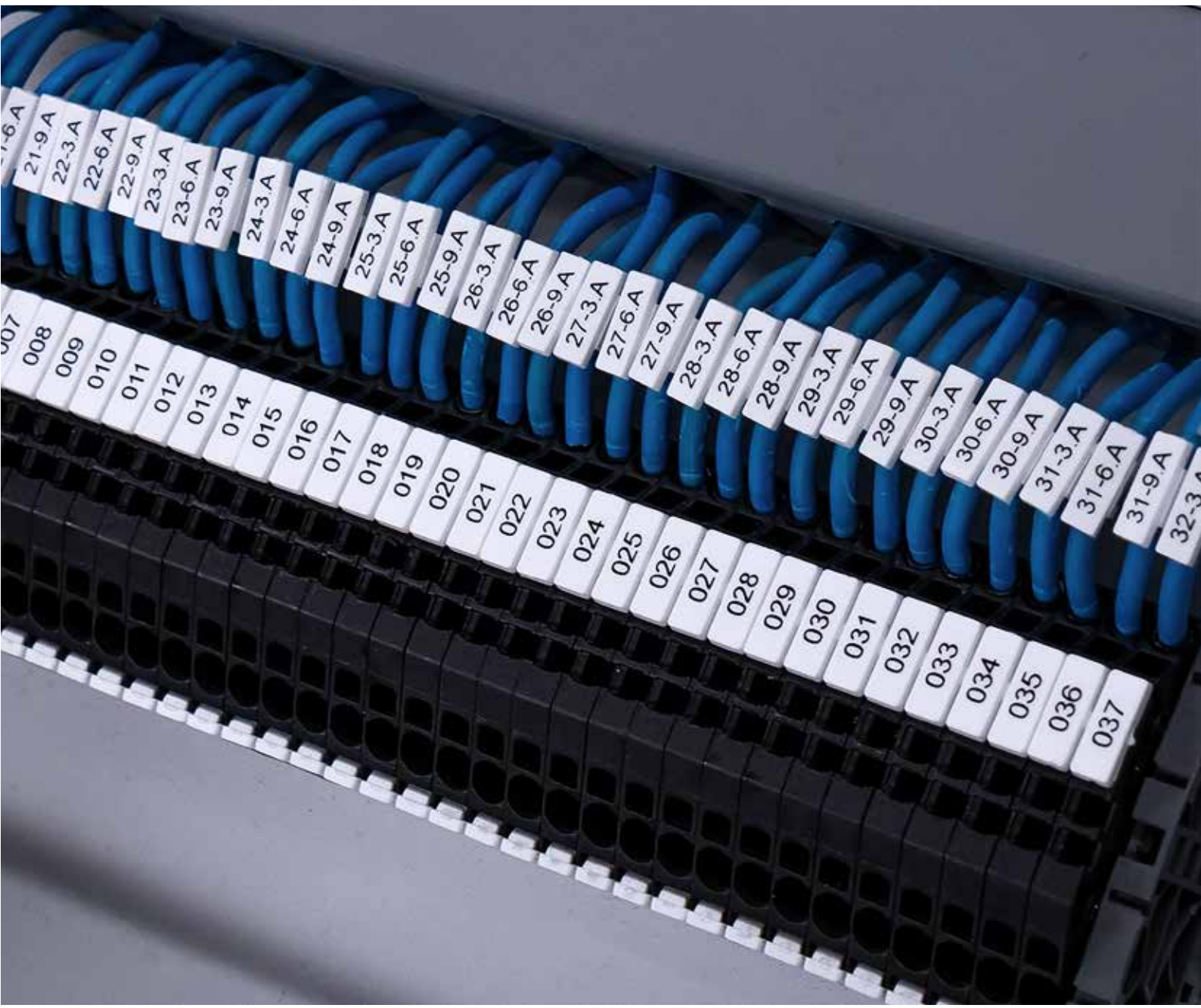
CEMBRE

# IDENTIFICATION & LABELLING SYSTEMS




www.cembre.com

# CEMBRE AT A GLANCE

## INNOVATION IS IN OUR DNA

**211**
Patents and filled applications

**71**
Registered trademarks

## MAIN MANUFACTURING SITE

**60,000**
m² of space dedicated to offices, factories, laboratories

**121,000**
m² of site

## OUR PRODUCT CODES

**18,000**
different product codes sold each year

**22,800**
product codes are available for immediate dispatch

## AUTOMATED WAREHOUSE

**60,000**
bins capacity

**10,000**
order lines per working day

are registered trademarks of Cembre S.p.A.

Cembre
mg3 MARKINGENIUS3 ®
GENIUSPRO ®
ROLLY 2000
mini ROLLY
ROLLY TR2 2000
RING ® cablesys
SIGN ® stick-onsys
LABEL ® stick-onsys

CEMBRE

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## LABELS

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CEMBRE

| | |
|---|---|
| RoHS COMPLIANT 2011/65/EU | All Cembre products comply with Directive 2011/65/EU of the European Parliament and Council dated 8 June 2011(and subsequent amendment) |
| EN 45545-2 | Meets the requirements for fire testing of materials and components for trains EN 45545-2:2015 |
| HF | Halogen Free |
| SF | Silicon Free |
| - 30°C | MIN. Operating temperature range |
| + 80°C | MAX. Operating temperature range |
| | Approved UL 969 |
| c US | Approved UL 969 CSA C22.2 No.0.15 |

| | |
|---|---|
| FLAT | **Material:** Flat - 0,5 mm |
| PVC | **Material:** Polyvinyl Chloride |
| plasticised PVC | **Material:** Plasticised Polyvinyl Chloride |
| PC | **Material:** Polycarbonate |
| ABS | **Material:** Acrylonitrile-Butadiene-Styrene |
| SBS | **Material:** Styrene-Butadiene-Styrene |
| | **Material:** Cotton Fabric Coated with Acrylic |
| PEHD | **Material:** High-Density Polyethylene |
| 0.6 mm TPU | **Material:** Thermoplastic Polyurethane |
| irradiated PO | **Material:** Irradiated Polyolefin |
| Stainless Steel AISI | **Material:** Stainless Steel AISI |
| PA6.6 | **Material:** Polyamide 6.6 |
| PP | **Material:** Polypropylene |
| POM | **Material:** Polyoxymethylene |
| EVA | **Material:** Ethylene-Vinyl Acetate |
| PS | **Material:** Polystyrene |
| PET | **Material:** Polyethylene Terephthalate |
| AL | **Material:** Aluminium |
| 0.3mm | Thickness (mm) of Material |

## *Identification and labelling systems*

Cembre offers a number of innovative solutions to meet demands for high performance and reliability in the industrial and manufacturing sectors.



### THERMAL TRANSFER SHEET PRINTER MARKINGENIUS®

The revolution in identification systems, MARKINGENIUS®MG3 is a high speed flat bed printer using thermal transfer technology to produce identification and labelling media for cables and tubing, panel building components and equipment of all types.

Windows® based, the high resolution MARKINGENIUS®MG3 prints monocolour True Type fonts, while also reproducing Clipart images, drawings and bitmaps down to very small dimensions.




### THERMAL TRANSFER ROLL PRINTER ROLLY3000

ROLLY3000 is designed for high speed printing of identification and labelling media in roll format.

Thermal transfer print quality matched with robust construction and intensive Cembre reliability allow ROLLY3000 to print 1000 cable tags in less than two minutes.

ROLLY3000 is equipped to print TERMO-ROLL heat shrinkable tubing in continuous or ladder format at high speed and with the precision and quality of print required to meet the most stringent standards.







### MANUAL SYSTEM

Provides simple solutions for the identification of cables and electrical components with four families of products:

- *push in cable markers- individual characters are collected in order on the insertion tool, then pushed into the transparent holder mounted on the cable.*
- *push on ring markers and flat tie on holder markers used directly on cables, tubing and conduits.*
- *snap on cable markers which can be fitted even after cables are terminated and connected.*
- *push-on cable markers pre-printed essential for marking the optical fiber to the completed wiring.*
- *wraparound self laminating cable markers available for a wide range of diameters and may be hand printed then attached at any time. Ideal for applications requiring the print to be protected.*



### LABELS

Warning, prohibition and mandatory signs, on A4 sheets.



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# HOW TO MARK

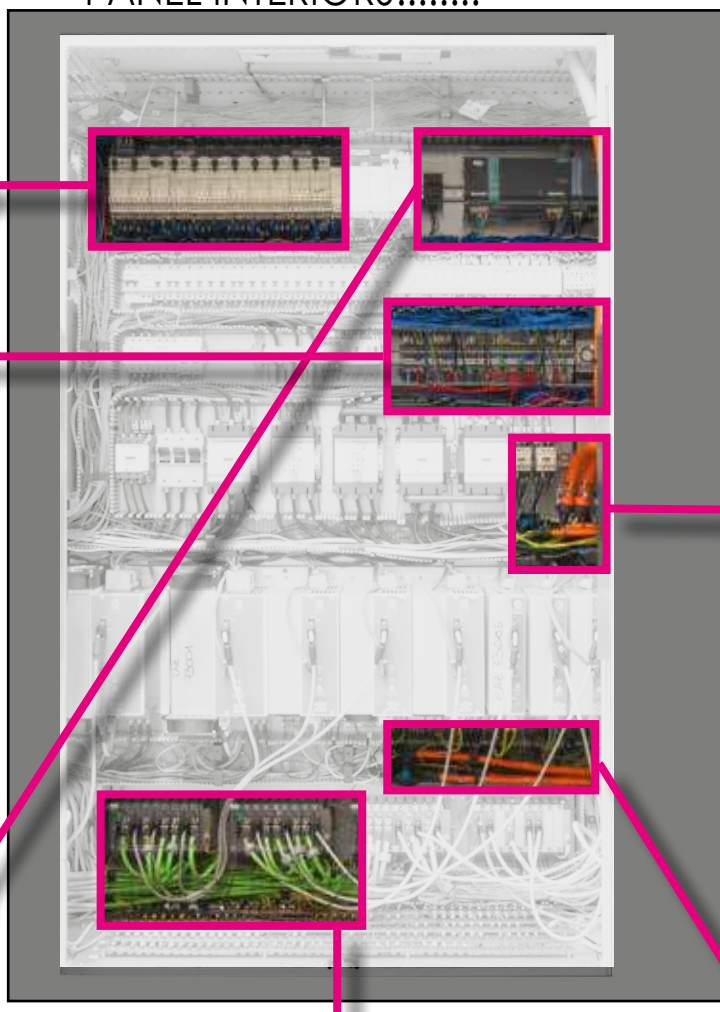


## MODULAR COMPONENTS

legends
labels
brand-specific legends
mounting rails



## PANEL INTERIORS.....



## TERMINAL BLOCKS

widest brand suitability
pitched and single markers
marker strips
marker labels



## COMPONENTS & EQUIPMENT

PLC legends
rail mounted legends
brand-specific legends
dog tags
rating plates and labels
security labels

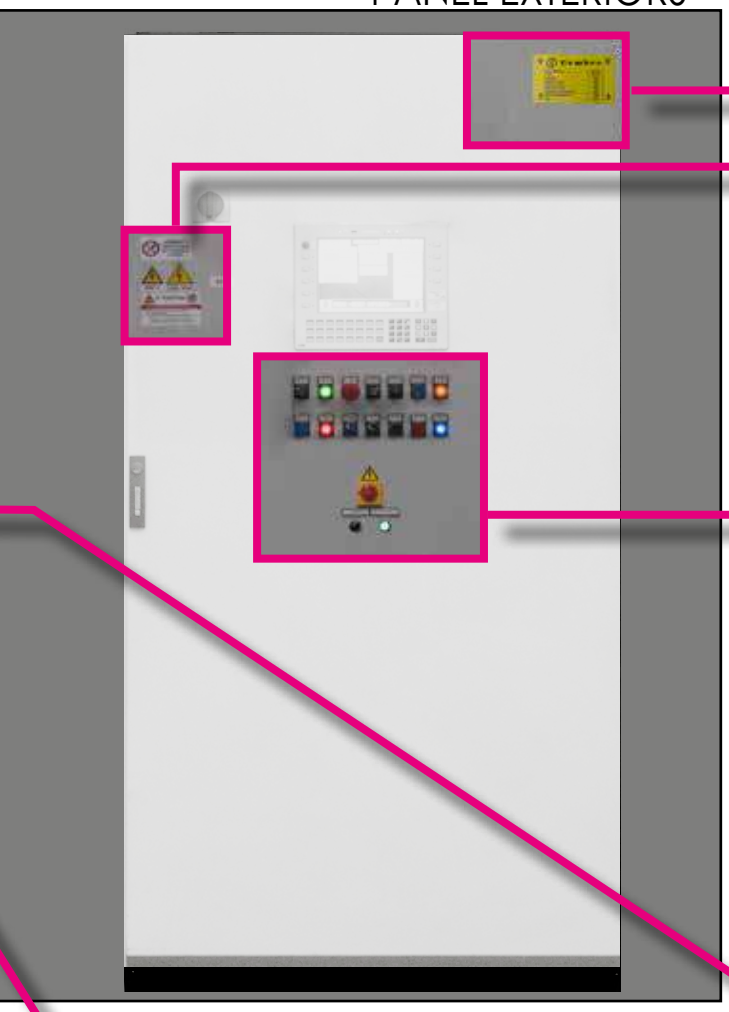


## SINGLE CABLES

cable tags for holders
one piece push or clip-on cable tags
wraparound cable markers
heat shrinkable tubing
push in markers
ring cable markers
wraparound strips
snap on markers



## PANEL EXTERIORS



## PLATES & LABELS




self adhesive panel plates
panel plates with covers
self adhesive component legends
modular component legends for rails
self adhesive labels
secuirity labels
panel legends
document holders

## PUSH BUTTONS & INDICATORS




self adhesive legends
legends for push button bases
brand-specific legends
push button legends
panel legends
self adhesive labels

## CONNECTORS



self adhesive
legends & labels

## CONDUITS, PIPES & MULTI-CORE




tie-on cable and conduit tags
wraparound cable markers
heat shrinkable tubing



CEMBRE

# HOW TO MARK



PRODUCT PAGE

## SINGLE CABLES

MG-TPMF 12



PMF 118

MG-TPM 13



PM 121

MG-TDM 14



MG-TDMO 15



MG-KMP 18



## CONDUITS PIPES MULTI-CORE

MG-TPMF 12



PMF-ET 127

MG-TPM 13



PM-ET 129

MG-TPM 13



PM-DT 130

MG-ETF 16



CABLE TIE 135

MG-TAP 26



PMT-DT 130

MG-TAP 26



PMF-ET 127

MG-TAPW 28



PMF-ET 127

MG-TAPW 28



PMT-DT 132

## TERMINAL BLOCKS

MG-CPM 19



MG-CPMF 22



MG-VYB 23



## PUSH-BUTTON SWITCHES

MG-PTS 25



MG-TAA 32




MG-TAP 26



PTP 140

MG-TAP 26



PL 141

MG-VYT 34




MG-SIGNS 54




## COMPONENTS EQUIPMENT

MG-TPMF 12



PMF-AC 126

MG-TPM 13



PM-AC 128

MG-SPM 24



MG-TAR 29



MG-TAA 32



MG-SAT 40



MG-PLC 38



MG-VYT 34



MG-PYT 35



MG-DOG 30



MG-TAP 26



PMT-AC 131

MG-TAP 26



RT-TAP 144

MG-VCT 37



MG-TAPW 28



PMT-AC 131

MG-TAPW 28




RT-TAPW 145

## CONNECTORS

MG-TAA 32



MG-VYT 34



MG-VCT 37



## MODULAR COPONENTS

MG-TAP 26



RT-TAP 144

MG-TAPW 28



RT-TAPW 145

MG-17.5-R 41



MG-17.5-A 42



## PLATES LABELS SIGNS

MG-TAP 26



RTA-TAP 144

MG-TAPW 28



RTA-TAPW 145

MG-PYT 36




MG-SIGNS 54



MG-VRT-R 46



CPT 143

PLA 141



MG-VYT 34



MG-SAT 40



GMCK 45



MG-VRT-A 50



## SINGLE CABLES

TPM-ROLL 62



PMF 118

TERMO-ROLL 78



KM-ROLL 63



## CONDUITS PIPES MULTI-CORE

ETF-ROLL 65



CABLE TIE 136

TERMO-ROLL 78



TAP-ROLL 68



PMT-DT 133

TAP-ROLL 68




PMF-ET 127

## MODULAR COMPONENTS

STRIP-ROLL 69



TAP-ROLL 68



RT-TAP 144

## LABELS

TTL 73




TTF 76



TAP-ROLL 68



RTA-TAP 144

TAP-ROLL 68



PLA 141

# GENIUSPRO




www.cembre.com




**System-lifetime support**

- free software updates
- pre-purchase trials
- free of charge training and support every working day, by phone, remote computer access via internet or site visit
- samples of available media for customer approval and new media developments welcome
- loan machine when printer returned for service.

## *Software*

*for all Cembre printers*

GENIUSPRO is the latest software developed by Cembre.

- *Simple and intuitive*
- *Operator needs only basic computer skills*
- *Enhanced features include full size Dynamic Preview*
- *Assures increased capability and performance when printing text, symbols and images on Cembre MARKINGENIUS® and ROLLY systems.*

MARKINGENIUS® and ROLLY systems are delivered complete with power & connection cables and GENIUSPRO software including a universal driver for Windows® to ensure compatibility.

### Software features

- *Easy data insertion*
- *More than ten types of counter*
- **.txt, *.cad, *.dbf, *.xls and other file types can be imported*
- *MATRIX, ACS and Simplo conversion*
- *Spac, EPLAN, IGE-XAO, ZUKEN E3 and Excel importation*
- *Customisable print output filters*
- *Optimised printing of media for cables, terminal blocks, control gear, connectors, push buttons, components, panels and self adhesive labels*
- *All Windows fonts*
- *Designs customised media*
- *Vector, drawing and clip art printing*
- *Free upgrades with each release*
- *Help function*

### Minimum system requirements

- *PC Processor Intel®Core™ i3, 4rd generation*
- *4 Gb RAM*
- *USB connection*
- *2 Gb available hard disc space*
- *Video resolution 1280x1024*
- *Windows 7, 8 and 10*
- *Internet enabled*

| Type | Quantity | Description |
|---|---|---|
| **GENIUSPRO-5L** | *1* | Software GENIUSPRO - 5 Licenses |
| **GENIUSPRO-1L** | *1* | Software GENIUSPRO - 1 Licence |

# MG3

## *Thermal transfer printer for sheet media*

*on sheet media, plug&play*

MARKINGENIUS®MG3 has been exclusively designed by Cembre for the identification of conductors and electrical components in compliance with the CEI 16-7 ed 1997-06.

MARKINGENIUS®MG3 is a high resolution plug&play flat bed printer based on thermal transfer technology, capable of producing tags for cables, pipes and tubes; terminal block markers and legends and labels for all electrical panels, components and equipment. All Cembre MG media can be printed with monocolour Windows True Type fonts at high speed.

MARKINGENIUS®MG3 will also reproduce Clipart images, drawings, barcodes and bitmaps down to very small sizes.

Compact, ergonomic, clean and quiet MARKINGENIUS®MG3 may be conveniently located in an office, like any other computer peripheral.

**Each monochrome ribbon can print more than 300,000 MG-TPMF 4x10 mm cable tags.** Carriage loading and unloading operations are rapid; templates are easily interchanged and as the pigment deposited from the ribbon dries instantaneously, printed sheets are immediately ready to use.



**SPEED**

prints 112 4x10 cable tags in less than 12 seconds

**CONVENIENCE**

software provides quick and easy upload of the data to be printed

**ECONOMY**

prints around 300,000 4x10 cable tags with a single ribbon

**QUALITY**

printer resolution 300x600 dpi

Printer dimensions:

- *Length:* *382 mm*
- *Width:* *230 mm*
- *Height:* *221 mm*
- *Weight:* *7,4 kg*

Printer Type **MG3** includes:

- **991000** *Template for tags MG-TPM*
- **991002** *Template for serieFLAT media*
- **991011** *Template for terminal blocks*
- *Mains cable*
- *USB cable*
- *Protective cover* **991680**
- *Ribbon take up core* **991654**
- *Black printer ribbon* **991600**
- *Operating&Maintenance documentation Guarantee*
- *Software* **FD-GENIUSPRO** *on pen drive*



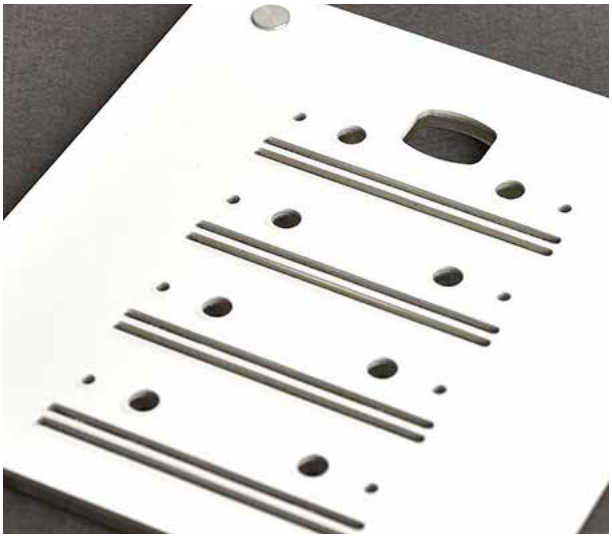

Supplied with the three most useful templates

software GENIUSPRO..... page 8
templates and PET supports..... page 10
accessories..... page 10
ribbons..... page 11

# ACCESSORIES

## *Templates and accessories*

*for thermal transfer printer*






**VAL-MG**
Transportation case
Dimensions
Length: 425 mm (16.73 in.)
Width: 285 mm (11.22 in.)
Height: 400 mm (15.75 in.)
Weight: 6 Kg (13.2 lbs.)

| Template | Type | Quantity | PET support | Type | Quantity | For printing |
|---|---|---|---|---|---|---|
| MG2-PWC | **991000** | *1* | MG2-TWC | **991502** | *3* | MG-TPM |
| MG2-PLT | **991002** | *1* | MG2-TLT | **991522** | *3* | laminated material serieFLAT |
| MG2-QTB | **991011** | *1* | MG2-TQT | **991564** | *3* | MG-CPM-01, MG-CPM-02, MG-CPM-03, MG-CPM-04, MG-CPM-07, MG-CPM-11, MG-SPM-03 |
| MG2-PTD | **991007** | *1* | MG2-TTD | **991563** | *3* | MG-TDM (6 stems) |
| MG2-PTM | **991010** | *1* | MG2-TTM | **991561** | *3* | MG-TDM0, MG-TDM (4 stems) |
| MG2-MTB | **991008** | *1* | MG2-TMT | **991513** | *3* | MG-CPM-01 (5 x 7 mm) |
| MG2-WTB | **991004** | *1* | MG2-TWT | **991542** | *3* | MG-CPM-05, MG-CPM-12, MG-SPM-09 |
| MG2-STB | **991005** | *1* | MG2-TST | **991552** | *3* | MG-CPM-06 |
| MG2-LTB | **991013** | *1* | | | | MG-CPM-09 |
| MG2-CTB | **991006N** | *1* | MG2-TCT | **991562N** | *3* | MG-CPM-10 |
| MG2-ETB | **991016** | *1* | | | | MG-CPM-13 |
| MG2-PSB | **991554** | *1* | | | | MG-CPM-15 42908 |
| MG2-PSP | **991018** | *1* | MG2-TSP | **991514** | *3* | MG-SPM-02 |
| MG2-NSB | **991556** | *1* | | | | MG-CPM-15 42909 |
| MG2-BSP | **991558** | *1* | | | | MG-SPM-07 |

| Accessories | Type | Quantity | Description |
|---|---|---|---|
| MG2-CKP | **991670** | *1* | Print head cleaning kit (template, pad & cleaning fluid) |
| | **991672** | *1* | Print head cleaning kit (template & pad) |
| MG2-CNP | **992150** | *1* | Replacement pads for MG2-CKP (5 pieces) |
| | **ISOCLENE** | *1* | Spray 250 ml, replacement for MG2-CKP |
| | **MG2-SPD1** | *1* | Ribbon feed spool for MG2-EPTR |
| | **MG2-KDF** | *1* | Media guide |
| | **VAL MG** | *1* | MARKINGENIUS® transportation case with wheels |

templates and blanks for MG3 printer
accessories for optimum printer condition



# RIBBONS

## Monochrome ribbons

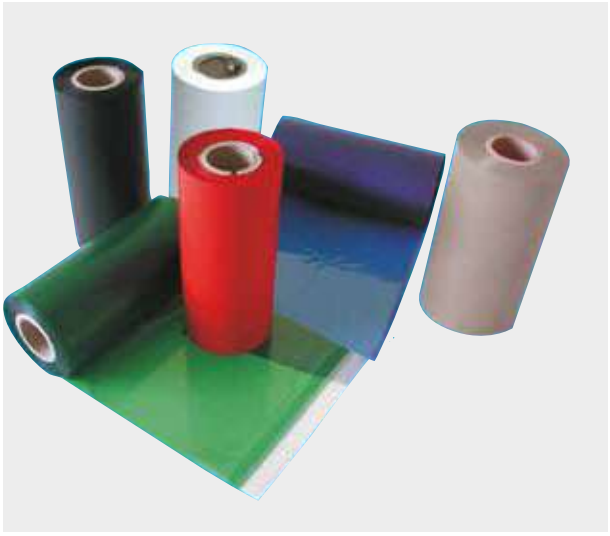
*for thermal transfer printer*

MG2-ETR monochrome ribbons are formulated to produce high quality print on a variety of materials while providing resistance to abrasion, chemicals, cleaning products and environmental agents (eg UV, humidity). Ribbon length 200 m, width 120 mm.

MG2-EPTR PREMIUM black monochrome ribbon has enhanced performance characteristics, is 300 linear meters long, with a width of 110 mm.

To enable usage of MG2-EPTR PREMIUM ribbons with MG3 printers, the additional purchase of accessory Rear Tension Roller Kit MG2-SPD1 with smaller diameter is required (see Accessories page 10).

**Use this ribbon to print FLAT Polycarbonate items.**



RoHS COMPLIANT 2011/65/EU

| Family | Type | | | | | | | Width mm | Length m | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|
| | black | blue | red | green | silver | gold | white | | | |
| MG2-ETR | 991600 | 991601 | 991602 | 991603 | 991607 | 991608 | 991606 | 120 | 200 | *1* |
| MG2-EPTR PREMIUM | 991611 | | | | | | | 110 | 300 | *1* |

The legibility of print produced on Cembre media by MG2-ETR and MG2-EPTR black ribbons meets the requirements of:

**UNI EN ISO 4892-2**: UV resistance

**CEI 16-7**: Resistance to abrasion and friction

**CEI 16-7**: Effect of ageing

**CEI 23-11 / CEI EN 61058-1**: Indelibility

**CEI EN 61010-1 / VDE 0411-1**: Indelibility

**CEMBRE INTERNAL TEST:** Indelibility

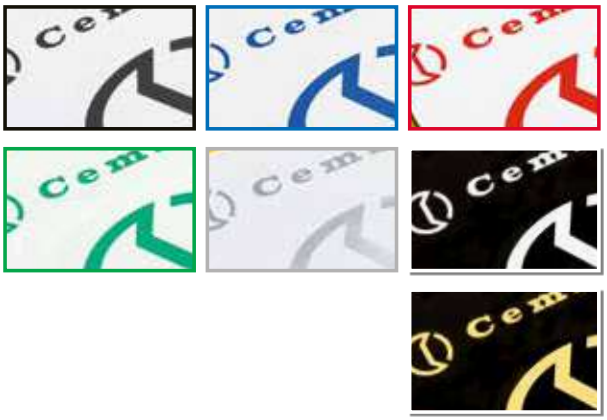
**UNI EN ISO 9227**: Saline mist

**CEI EN 60464-2**: Resistance to solvent vapour

**DIN 30643**: Resistance to abrasion and rubbing

**UNI EN ISO 175**: Effect of immersion in liquid chemicals

Specifications page 192



printer MG3 ..... page 9





CEMBRE

# MG-TPMF

## Cable tags for holders

*precut 4mm push in markers, easy entry for PMF holders*

SerieFLAT MG-TPMF tags are used for marking cables, conduit, tubes, conductors and components.

Presented in stem format, tags are simply snapped off their stems and inserted into the appropriate holders. Consult us for other colours.

Note: UV resistance may vary between colours.




**Material:** Rigid PVC, self extinguishing class V0 according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

PVC SF -30°C +60°C

| Family | Size mm | Type | | | | | | | | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | violet | green | black | | | |
| MG-TPMF | 4 x 10 | 42090B | 42040B | 42000BGY | 42020B | 42060B | 42080N | 42050B | 42010B | 112 | 5.600 | 502 |
| | 4 x 12 | 42091B | 42041B | 42001BGY | 42021B | 42061B | | 42051B | 42011B | 80 | 4.000 | 505 |
| | 4 x 15 | 42092B | 42042B | | | | | | | 80 | 4.000 | 503 |
| | 4 x 18 | 42094B | 42044B | | | | | | | 64 | 1.600 | 506 |
| | 4 x 20 | 42093B | 42043B | | 42023B | 42063B | | 42053B | 42013B | 64 | 1.600 | 504 |
| | 4 x 30 | 42096B | 42046B | | 42026B | 42066B | | 42056B | | 48 | 1.200 | 509 |
| | 4 x 40 | 42097B | 42047B | | | | | | | 32 | 800 | 508 |

**Material:** Polycarbonate, Halogen Free, self extinguishing class V0 according to UL94; the colours white PC10050WH and yellow PC10050YE are EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC HF SF -40°C +130°C

| Size mm | Size mm | Type | | | | | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| | | white PC10050WH | yellow PC10050YE | metallic grey | brown | orange | | | |
| MG-TPMF-HF | 4 x 10 | 42090B-HF | 42040B-HF | 42000B-HF | 42070B-HF | 42030N-HF | 112 | 5.600 | 502 |
| | 4 x 12 | 42091B-HF | 42041B-HF | 42001B-HF | | | 80 | 4.000 | 505 |
| | 4 x 15 | 42092B-HF | 42042B-HF | 42002B-HF | | | 80 | 4.000 | 503 |
| | 4 x 20 | 42093B-HF | 42043B-HF | | | | 64 | 1.600 | 504 |
| | 4 x 30 | 42096B-HF | 42046B-HF | | | | 48 | 1.200 | 509 |
| | 4 x 40 | 42097B-HF | 42047B-HF | | | | 32 | 800 | 508 |

Use the 991611 ribbon to print FLAT Polycarbonate items.

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ribbons ..... page 11
tag holders PMF ..... page 118
tag holders PMF-AC ..... page 126
tag holders PMF-ET ..... page 127



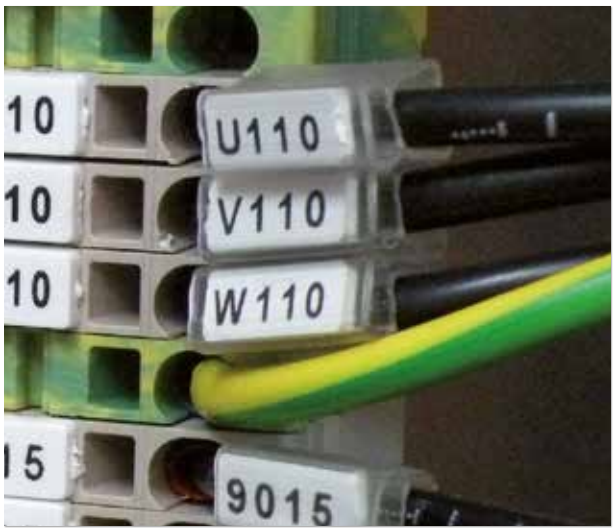
# MG-TPM

## *Cable tags for holders*

*4mm push in markers, for PM holders*

MG-TPM tags are used for marking cables, conduit, tubes and equipment.

Presented in stem format, tags are simply snapped off their stems and inserted into the appropriate holders.




**Material:** ABS, self extinguishing class V0 according to UL94

**Operating temperature range:** -30°C to +80°C

ABS SF -30°C +80°C RoHS COMPLIANT 2011/65/EU

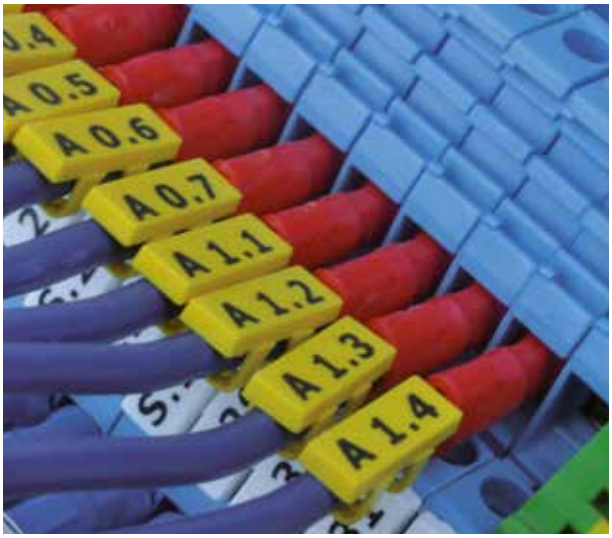
| Family | Size mm | Type | | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| | | white | yellow | | | |
| MG-TPM | 4 x 10 | 40090 | 40040 | 45 | 2.250 | 1 |
| | 4 x 12 | 40091 | 40041 | 45 | 2.250 | 2 |
| | 4 x 15 | 40092 | 40042 | 45 | 2.250 | 3 |
| | 4 x 18 | 40093 | 40043 | 45 | 2.250 | 4 |

template with PET support ..... page 10
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tag holders PM ..... page 121
tag holders light PM-L ..... page 125
tag holders PM-AC ..... page 128
tag holders PM-ET ..... page 129
tag holders PM-DT ..... page 130



CEMBRE

# MG-TDM




## *Cable tags without holder*

*one piece, push on*

MG-TDM one piece tags require no transparent holders and are mounted on cables via the two range-taking apertures.

Tags are easily removed from the stems and partially printed sheets may be reused to avoid wastage.

- It is advisable to select the tag based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.



**Material:** Polycarbonate, Halogen Free, Silicon free, self extinguishing class V0 according to UL94; the colours white PC10200WH and yellow PC10400YE are EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC HF SF -40°C +130°C EN 45545-2 RoHS 2011/65/EU

| Family | Cable ext.Ø range mm | Cable c.s.a range mm² | Size mm | Type | | N° Stems | Tags per sheet | Quantity | Template | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | white PC10200WH | yellow PC10200YE | | | | | |
| MG-TDM-01 | 1,6 ÷ 3,25 | 0,5 ÷ 1,5 | 4 x 12 | 40190 | 40140 | 6 | 66 | *1.320* | 991007 | 121 |
| | 1,6 ÷ 3,25 | 0,5 ÷ 1,5 | | 40192 | 40142 | 4 | 40 | *800* | 991010 | 119 |
| | 1,6 ÷ 3,25 | 0,5 ÷ 1,5 | 4 x 16 | 40191 | 40141 | 4 | 40 | *800* | 991010 | 123 |
| MG-TDM-02 | 2 ÷ 4,4 | 1 ÷ 6 | 4 x 12 | 40290 | 40240 | 6 | 66 | *1.056* | 991007 | 122 |
| | 2 ÷ 4,4 | 1 ÷ 6 | | 40292 | 40242 | 4 | 40 | *640* | 991010 | 120 |
| | 2 ÷ 4,4 | 1 ÷ 6 | 4 x 16 | 40291 | 40241 | 4 | 40 | *640* | 991010 | 124 |

Directly on cables according to the diameter ranges shown in the table.
No transparent holders required.

**PURCHASE SEPARATELY**

templates and PET supports ..... page 10
ribbons ..... page 11

# MG-TDMO

## Cable tags without holder

*one piece, clip on*

MG-TDMO one piece tags require no transparent holders and are mounted on cables via the two range-taking apertures.

Tags are easily removed from the stems and partially printed sheets may be reused to avoid wastage.

- *It is advisable to select the tag based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.*






**Material:** Polycarbonate, Halogen Free, Silicon free, self extinguishing class V0 according to UL94; the colours white PC10200WH and yellow PC10400YE are EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC HF SF -40°C +130°C EN 45545-2 RoHS 2011/65/EU

| Family | Cable ext.Ø range mm | Cable c.s.a range mm² | Size mm | Type white PC10400WH | Type yellow PC10400YE | Tags per sheet | Template | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| MG-TDMO-01 | 2 ÷ 2,9 | 0,5 ÷ 1,5 | 4 x 12 | 40390 | 40340 | 40 | 991010 | 880 | 125 |
| | 2 ÷ 2,9 | 0,5 ÷ 1,5 | 4 x 16 | 40391 | 40341 | 40 | | 880 | 128 |
| MG-TDMO-02 | 2,9 ÷ 3,5 | 1,5 ÷ 2,5 | 4 x 12 | 40490 | 40440 | 40 | | 640 | 126 |
| | 2,9 ÷ 3,5 | 1,5 ÷ 2,5 | 4 x 16 | 40491 | 40441 | 40 | | 640 | 129 |
| MG-TDMO-03 | 4 ÷ 4,6 | 4 ÷ 6 | 4 x 12 | 40590 | 40540 | 40 | | 560 | 127 |
| | 4 ÷ 4,6 | 4 ÷ 6 | 4 x 16 | 40591 | 40541 | 40 | | 560 | 130 |

RETROFIT? INDISPENSABLE!!

## Support TDMOS

Each TDMOS support allows any size of MG-TDMO tag to be used to mark cables with larger o.d 6 –14 mm typically 16, 35 and 70 mm².

Use directly on cables according to outside diameter.

**Material:** Polyamide PA6.6, self-extinguishing class V2: according to UL94.

PA6.6 RoHS 2011/65/EU

| Family | Ø Size mm | Cable c.s.a range mm² | Type | Length mm | Quantity |
|---|---|---|---|---|---|
| TDMOS-16 | 6-8 | 16 | 42850 | 25 | 150 |
| TDMOS-35 | 8-10 | 35 | 42852 | 25 | 100 |
| TDMOS-70 | 10-14 | 70 | 42854 | 25 | 50 |

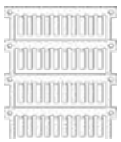




Directly on cables according to the diameter ranges shown in the table.
No transparent holders required.

**PURCHASE SEPARATELY**

template with PET support..... page 10
ribbons..... page 11
support for cable tag..... page 15





CEMBRE

# MG-ETF




## *Cable & conduit tags tie-on*

*precut, one piece markers*

MG-ETF tags are used with cable ties for marking large diameter cables, hoses, tubes and conduit.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

Cable tie max width 4,8 mm.

**MG-ETF-SBS**

**Material:** SBS Styrene-Butadiene-Styrene, Halogen free, self extinguishing class HB: according to UL94

**Operating temperature range:** -30°C to +70°C

SBS | HF | SF | -30°C | +70°C | RoHS COMPLIANT 2011/65/EU

| Size mm | min. Ø cable mm | Type | | | | | | | | | | Print area mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white | yellow | metallic grey | red | blue | green | orange | dark brown | violet | black | | | | |
| 13 x 57 | 4 | 64192-SBS | 64142-SBS | 64182-SBS | 64122-SBS | 64162-SBS | 64152-SBS | 64132-SBS | 64172-SBS | 64112-SBS | 64102-SBS | 11 x 35 | 14 | *700* | 581 |
| 15 x 95 | 5 | 64293-SBS | 64243-SBS | 64283-SBS | 64223-SBS | 64263-SBS | 64253-SBS | 64233-SBS | | | 64203-SBS | 13 x 73 | 5 | *250* | 584 |
| 20 x 26 | 10 | 64291-SBS | 64241-SBS | 64281-SBS | 64221-SBS | 64261-SBS | 64251-SBS | | | | 64201-SBS | 8 x 22 | 15 | *750* | 583 |
| 20 x 27 | 19 | 64191-SBS | 64141-SBS | 64181-SBS | 64121-SBS | 64161-SBS | 64151-SBS | | | | 64101-SBS | 15 x 18 | 15 | *750* | 582 |
| 28 x 57 | 8 | 64197-SBS | 64147-SBS | 64187-SBS | 64127-SBS | 64167-SBS | 64157-SBS | | | | 64107-SBS | 26 x 35 | 6 | *300* | 590 |










13x57 | 15x95 | 20x26 | 20x27 | 28x57

# MG-ETF




## MG-ETF-HF

**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94; the colours white PC10050WH and yellow PC10050YE are EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC | HF | SF | -40°C | +130°C | EN 45545-2 | RoHS COMPLIANT 2011/65/EU

| Size mm | min. Ø cable mm | Type | | | | | | | | | | Print area mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PC10050WH | yellow PC10050YE | metallic grey | red | blue | green | orange | light brown | dark brown | black | | | | |
| 13 x 57 | 4 | 54192-HF | 54142-HF | 54182-HF | 54122-HF | 54162-HF | 54152-HF | 54132-HF | 54172-HF | 54172-1-HF | 54102-HF | 11 x 35 | 14 | *700* | 581 |
| 15 x 95 | 5 | 54293-HF | 54243-HF | | | | | | | | | 13 x 73 | 5 | *250* | 584 |
| 20 x 26 | 10 | 54291-HF | 54241-HF | | | | | | | | | 8 x 22 | 15 | *750* | 583 |
| 20 x 27 | 19 | 54191N-HF | 54141N-HF | | | | | | | | | 15 x 18 | 15 | *750* | 582 |
| 28 x 57 | 8 | 54197-HF | 54147-HF | | 54127-HF | 54167-HF | | 54137-HF | | | | 26 x 35 | 6 | *300* | 590 |

Directly on cables using appropriate cable ties.
Use the 991611 ribbon to print FLAT Polycarbonate items.

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cable tie max width 4,8 mm ..... page 135



CEMBRE

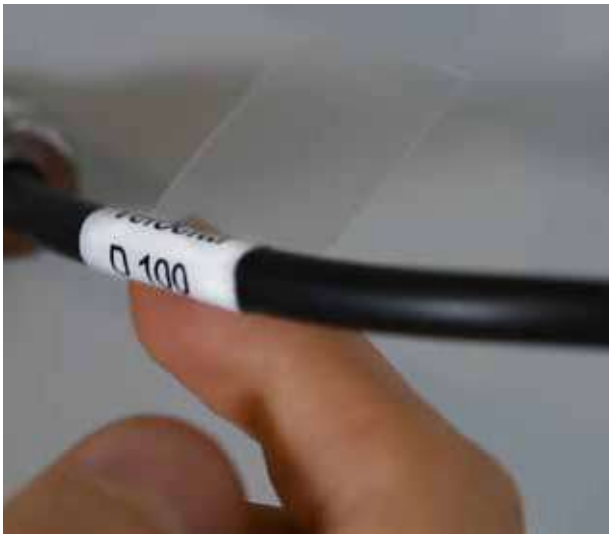
# MG-KMP

## *Wraparound cable markers*

*self adhesive, precut*

MG-KMP wraparound cable markers are suitable for identifying large diameter cables, tubes and conduit.

MARKINGENIUS® printing is exceptionally clear and legible and is protected from chemical and atmospheric agents.



**Material:** Polyolefin PO99006TR, Silicon free, Halogen free, certifed UL969.

**Operating temperature range:** -70°C to +140°C

**Application temperature range:** +10°C to +40°C

PO HF SF -70°C +140°C

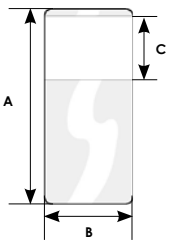
| Family | Overall length A mm | Wrapping diameter mm | Print area CxB mm | Type | | | Markers per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| | | | | white PO99006TR | yellow PO99006TR | green | | | |
| MG-KMP019 | 19 | 2 ÷ 3 | 9 x 13 | 49962-013 | 49462-013 | | 30 | *1.500* | 392 |
| MG-KMP025 | 25 | 2,6 ÷ 4,1 | 9 x 15 | 49956-015 | 49456-015 | | 24 | *1.200* | 393 |
| | | | 9 x 23 | 49956-023 | 49456-023 | | 16 | *800* | 394 |
| MG-KMP038 | 38 | 4,3 ÷ 7 | 10 x 15 | 49950-015 | 49450-015 | | 18 | *900* | 381 |
| | | | 10 x 23 | 49950-023 | 49450-023 | | 12 | *600* | 382 |
| MG-KMP050 | 50 | 6 ÷ 10 | 15 x 12 | 49951-012 | | | 14 | *700* | 383 |
| | | | 15 x 15 | 49951-015 | 49451-015 | | 12 | *600* | 384 |
| | | | 15 x 23 | 49951-023 | 49451-023 | | 8 | *400* | 385 |
| MG-KMP062 | 62 | 6,5 ÷ 12 | 18 x 12 | 49958-012 | 49458-012 | | 14 | *700* | 395 |
| MG-KMP068 | 68 | 7 ÷ 13 | 22 x 40 | 49959-040 | 49459-040 | | 4 | *200* | 396 |
| MG-KMP075 | 75 | 8 ÷ 14 | 25 x 15 | 49952-015 | 49452-015 | | 6 | *300* | 386 |
| | | | 25 x 23 | 49952-023 | 49452-023 | | 4 | *200* | 387 |
| MG-KMP080 | 80 | 10 ÷ 17 | 25 x 47 | 49964-047 | 49464-047 | | 2 | *100* | 397 |
| MG-KMP082 | 82 | 10,5 ÷ 18 | 25 x 50 | 49954-050 | | | 2 | *100* | 388 |
| MG-KMP092 | 92 | 11 ÷ 19 | 20 x 80 | 49965-080 | 49465-080 | | 1 | *50* | 398 |
| MG-KMP100 | 100 | 12 ÷ 20 | 25 x 15 | 49953-015 | 49453-015 | | 6 | *300* | 389 |
| | | | 25 x 23 | 49953-023 | 49453-023 | | 4 | *200* | 390 |
| MG-KMP135 | 135 | 20 ÷ 25 | 50 x 50 | 49955-050 | 49455-050 | 49555-050 | 2 | *100* | 391 |






Wraparound, self adhesive cable markers provide a fast, economical and efficient way of identifying large diameter conductors

MARKINGENIUS® and MG-KMP produce indelible printed marking, protected from water, alcohol, grease, solvents, etc.




Directly on cables, etc in accordance with wrapping diameter limitations shown for each size.

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ribbons ..... page 11
holders KMC ..... page 134



# MG-CPM

## *Terminal block markers*

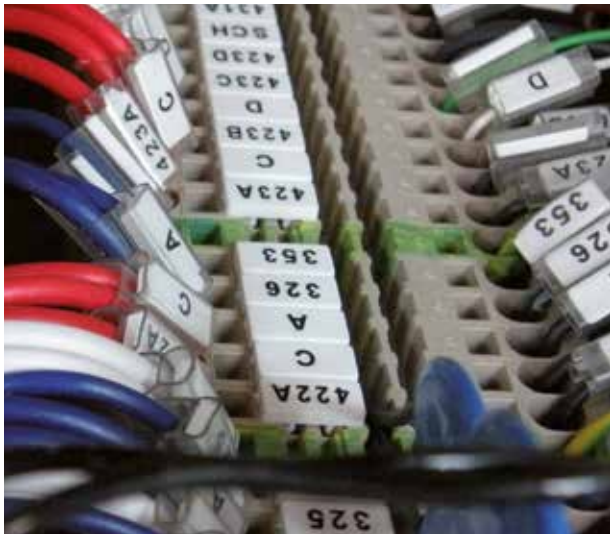
MG-CPM terminal block markers are available in versions to suit the particular clip formats of the most widely used products.

Depending on type, markers are presented as joined strips at a set or flexible pitch or as separate markers for convenient individual insertion on mixed pitch terminal block assemblies.

MG-CPM markers provide an elevated mechanical robustness, high dimensional stability and are Halogen Free.

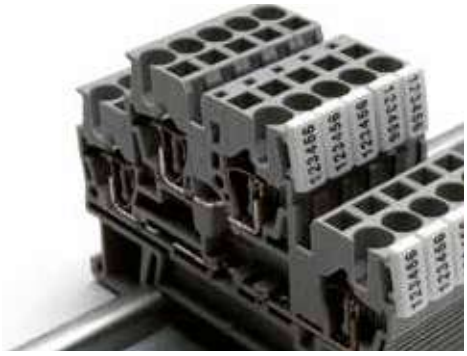
Printing a complete sheet of MG-CPM markers on MARKINGENIUS® thermal transfer printers takes around 10 seconds, while to optimise application time, additional data - job details, location, etc - may be printed on the stems.

Part-used sheets are easily accomodated to avoid wastage. MG-CPM terminal block markers are available in versions to suit the particular clip formats of the most widely used products.







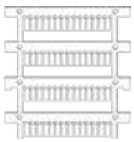


**PURCHASE SEPARATELY**

Directly on terminal blocks using the rear mounted clips.

**SUPPLIED**

templates and PET supports ..... page 10
ribbons ..... page 11
cross reference chart ..... page 182





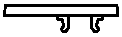
CEMBRE

# MG-CPM

**Material:** Polycarbonate, self extinguishing class V0: according to UL94; the colours white PC10200WH, PC10300WH and yellow PC10400YE are EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC HF SF -40°C +130°C EN 45545-2 RoHS COMPLIANT 2011/65/EU

| Family | Terminal blocks | Profilo della targhetta | Size mm | Pitch mm | Strip form | Type: white PC10200WH PC10400WH | Type: yellow PC10400YE | Markers per sheet | Quantity | Template | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MG-CPM-01 | Weidmüller, IMO, Entrelec, Wago, Allen Bradley, Conta Clip, Klemsan, Morsettitalia, Woertz, Connectwell, Rockwell |  | 3 x 10 | 3,5 | S | 41092 | | 80 | 2.000 | 991011 | 15 |
| | |  | 5 x 7 | 5,1 | S | 41094 | 41044 | 56 | 1.960 | 991008 | 13 |
| | |  | 5 x 10 | 5,1 | S | 41090N | 41040N | 56 | 1.960 | 991011 | 14 |
| | | | | | M | 41098 | 41048 | 56 | 1.960 | 991011 | 14 |
| | |  | 5 x 15 | 5,1 | S | 41091N | 41041N | 48 | 1.680 | 991011 | 16 |
| | |  | 6 x 10 | 6 | M | 41095 | 41045 | 48 | 1.680 | 991011 | 17 |
| | | | 8 x 10 | 8 | M | 41096 | 41046 | 32 | 1.120 | 991011 | 18 |
| MG-CPM-02 | Weidmüller WDK & WDU, Allen Bradley, Conta Clip, Klemsan, Entrelec, Wago, Woertz |  | 5 x 10 | 5,1 | S | 41190N | 41140N | 48 | 1.680 | 991011 | 22 |
| MG-CPM-03 | Wago, Entrelec, Cabur, Phoenix Contact, Connectwell |  | 5 x 10 | 5 | S | 41291 | | 56 | 1.960 | 991011 | 25 |
| | | | 5 x 10 | 5 | M | 41293 | | 56 | 1.960 | 991011 | 25 |
| MG-CPM-04 | Phoenix Contact UK, UT & ST (frontal mounting), Connectwell, Siemens 8WH (clamp, frontal mounting), Cabur, Entrelec, Wago, Omron, Finder |  | 3 x 10 | 3,5 | S | 41392 | | 80 | 2.000 | 991011 | 43 |
| | | | 5 x 10 | 5,2 | S | 41390N | 41340N | 48 | 1.680 | 991011 | 42 |
| | | | 5 x 10 | 5,2 | M | 41395 | | 48 | 1.680 | 991011 | 31 |
| | | | 6 x 10 | 6 | M | 41391 | | 48 | 1.344 | 991011 | 45 |
| | | | 8 x 10 | 8 | M | 41396 | 41346 | 32 | 1.120 | 991011 | 48 |
| MG-CPM-05 | Wieland, Telemecanique, Omron, Legrand clamp, Merlin Gerin MCB ST |  | 5 x 8 | 5 | M | 41495 | | 56 | 1.960 | 991004 | 52 |
| | |  | 5 x 10 | 5 | S | 41490 | | 56 | 1.960 | 991004 | 51 |
| | | | 5 x 10 | 5 | M | 41494 | | 56 | 1.960 | 991004 | 51 |
| MG-CPM-06 | Siemens 8WA clamp |  | 5 x 10 | 6 | S | 41591 | | 44 | 1.540 | 991005 | 61 |
| MG-CPM-07 | Phoenix Contact ST, STU, STS, STI,STN,STTB, Omron, Siemens 8WH clamp, Schlegel |  | 3 x 10 | 3,5 | S | 41692 | | 80 | 2.000 | 991011 | 73 |
| | | | 5 x 10 | 5,2 | S | 41691 | | 48 | 1.680 | 991011 | 71 |
| MG-CPM-09 | Legrand Viking 3 |  | 5 x 10 | 5 ÷ 6 | MF | 41890 | | 56 | 1.960 | 991013 | 92 |
| MG-CPM-10 | Cabur, Connectwell |  | 5 x 10 | 5,5 | S | 46194 | | 48 | 1.680 | 991006N | 100 |
| | | | 5 x 12 | 5,5 | S | 46192 | | 48 | 1.680 | 991006N | 101 |
| MG-CPM-11 | Allen Bradley, Weidmüller WDU, Conta Clip RK, IMO, Finder, Omron, Klemsan |  | 6 x 12 | 6,1 | S | 46392 | 46342 | 48 | 1.344 | 991011 | 106 |
| MG-CPM-12 | Wago Top Job, Entrelec, Cabur, Weidmüller, Connectwell, Morsettitalia, Beckoff I/O, Klemsan |  | 4,2 x 6 | 5 ÷ 6 | MF | 46391 | | 56 | 1.960 | 991004 | 111 |
| | |  | 4,2 x 9 | 5 ÷ 6 | MF | 46390 | | 56 | 1.960 | 991004 | 112 |
| MG-CPM-13 | Entrelec SNK ZS |  | 5 x 12 | 5,2 | M | 41790 | 41740 | 56 | 1.960 | 991016 | 113 |
| | | | 6 x 12 | 6 | M | 41791 | 41741 | 48 | 1.680 | 991016 | 114 |
| MG-CPM-15 | Allen Bradley, Weidmüller, Wago Top Job, Klemsan, Conta-clip |  | 5 x 5 | 5,1 | M | 42908 | | 48 | 1.680 | 991554 | 402 |
| | | | 6 x 5 | 6,1 | M | 42909 | | 40 | 1.400 | 991556 | 403 |

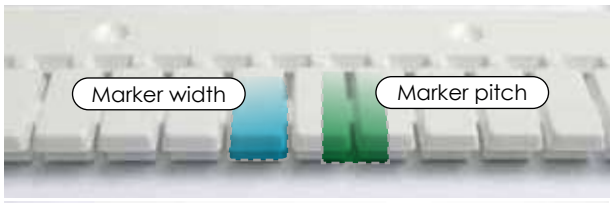
# MG-CPM

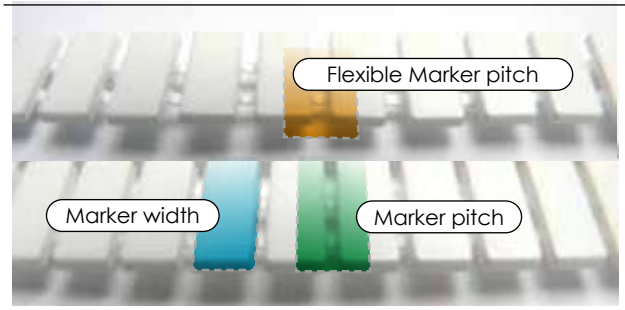
## *Terminal block marker cross reference chart*

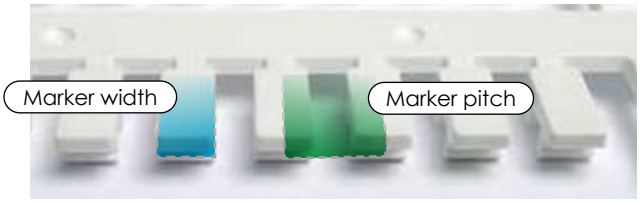
*See page 182*



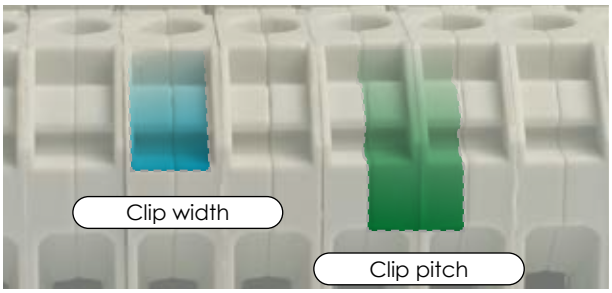
PRINTABLE SHEET FORMAT




TERMINAL BLOCKS




### MODULAR STRIP — M

A strip of joined markers is removed from the stem. Without separation, markers are clipped into terminals by light finger pressure. The terminal block is marked quickly and conveniently.



### MODULAR FLEXIBLE PITCH STRIP — MF

A strip of joined markers is removed from the stem. Manually extend the strip length by pulling it until the desired pitch is reached. Clip the strip directly into the terminal blocks by light finger pressure.



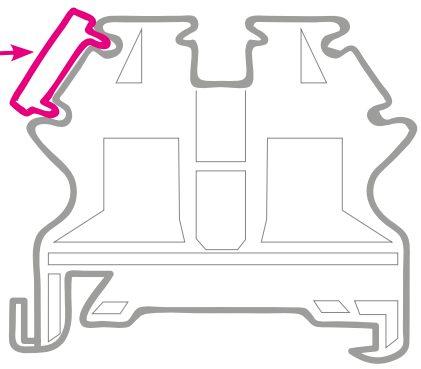
### SINGLE — S

Without removal from the stem, markers are clipped into terminals by light finger pressure. Bend the stem upwards to detach it from the markers. Carefully remove the stem, leaving the markers in situ.



**C** SINGLE CLIPS COMPATIBILE
Marker width < Clip width
Marker pitch ≠ Clip pitch






CEMBRE

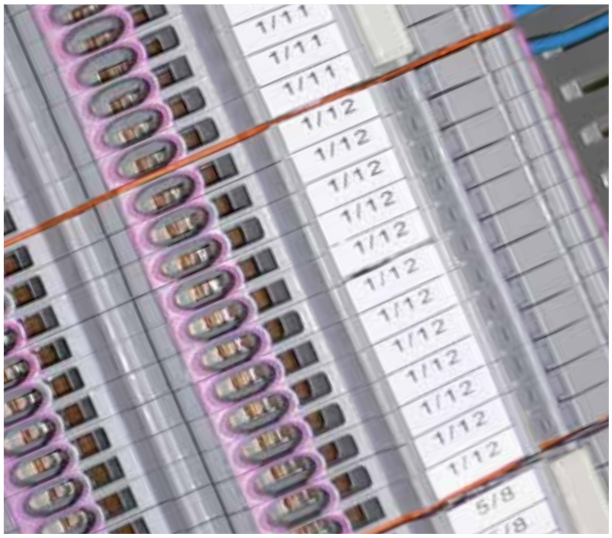
# MG-CPMF

## *Terminal block marker strips*

*SerieFLAT, precut*

Thin flexible printable strips to fit in the marker locations, for immediate labeling of multiple flush mounts.

MG-CPMFA is self adhesive with thickness 0,7 mm.



**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

PVC 0.3mm SF -30°C +60°C RoHS

| Family | Terminal blocks | Size mm | Type white | Type yellow | Strips per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| MG-CPMF | Entrelec D | 5,2 x 105 | **43094** | **43044** | 20 | *1.000* | 551 |
| | Phoenix Contact ST | 6,3 x 105 | **43096** | **43046** | 15 | *750* | 553 |

PVC 0.5mm SF -30°C +60°C cULus RoHS

| Family | Self adhesive | Terminal blocks | Size mm | Type white PVC10050WH | Type yellow PVC10050YE | Strips per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| MG-CPMF | | Phoenix Contact ST | 6,3 x 105 | **43092** | **43042** | 15 | *750* | 553 |
| | | Entrelec M6/9EE, front mounting | 7,6 x 105 | **43091** | **43041** | 12 | *600* | 552 |
| | | Phoenix Contact PIT | 9,8 x 105 | **43097N** | **43047N** | 11 | *550* | 549 |
| | | Entrelec M6/9EE, lateral mounting | 10 x 105 | **43090** | **43040** | 10 | *500* | 530 |
| | | Wago Top Job 2001, 2002, 2004, 2006, 2010, 2016 | 10,7 x 105 | **43093** | **43043** | 10 | *500* | 554 |
| MG-CPMFA | ✓ | Entrelec M6/9EE, lateral mounting | 10 x 105 | **46990** | **46940** | 10 | *100* | 530 |
| | ✓ | Entrelec SNK | 12 x 105 | **43196N** | **43146N** | 8 | *400* | 932 |

**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94; the colour white PC10050WH is EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC HF SF -40°C +130°C EN 45545-2 RoHS

| Family | Terminal blocks | Size mm | Type white PC10050WH | Strips per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| MG-CPMF-HF | Entrelec M6/9EE, front mounting | 7,6 x 105 | **43091-HF** | 12 | *600* | 552 |
| | Wago Top Job 2001, 2002, 2004, 2006, 2010, 2016 | 10,7 x 105 | **43093-HF** | 10 | *500* | 554 |

Directly on terminal blocks.
Use the 991611 ribbon to print FLAT Polycarbonate items.

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# MG-VYB

## *Terminal block marker labels*

*precut, self adhesive*

Thin flexible printable strips to fit in the marker locations, for immediate labeling of multiple flush mounts.




**Material:** PVC film; the colours white PVC99008WH and yellow PVC99008YE are UL approved.

**Operating temperature range:** -30°C to +70°C

**Application temperature range:** +10°C to +40°C

PVC SF -30°C +70°C

| Family | Terminal blocks | Size mm | Type | | Strips per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| | | | white PVC99008WH | yellow PVC99008YE | | | |
| MG-VYB | Printed circuit terminal blocks and other components | 4 x 105 | **16092N** | **16042N** | 10 | *500* | 556 |
| | | 10 x 105 | **16093** | **16043** | 10 | *500* | 559 |
| | Weidmüller SAK | 5,2 x 105 | **16091** | **16041** | 20 | *1.000* | 557 |
| | WAGO 260, 261, 262 | 7 x 105 | **16090** | **16040** | 14 | *700* | 558 |

Directly on terminal blocks.

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CEMBRE

# MG-SPM

## *Component markers, push in*

*for the leading brands and types*

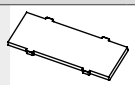
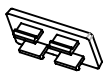
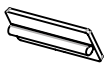
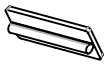
MG-SPM markers are available in versions to suit the particular clip formats of the most widely used contactors, relays, drives, valves and other panel mounting components.




**Material:** Polycarbonate PC10300WH certified EN 45545-2, Halogen Free, Silicon free, self extinguishing class V0: according to UL94.

**Operating temperature range:** -40°C to +130°C

PC HF SF - 40°C + 130°C EN 45545-2 RoHS COMPLIANT 2011/65/EU

| Family | | Components | Size mm | Type white PC10300WH | Tags per sheet | Quantity | Template | SW code |
|---|---|---|---|---|---|---|---|---|
| MG-SPM-02 |  | Siemens Sirius, Entrelec AF | 7 x 20 | **43291** | 12 | *360* | **991018** | 142 |
| MG-SPM-03 |  | Siemens, Klockner Moeller | 9 x 19 | **32291** | 12 | *360* | 991011 | 143 |
| MG-SPM-07 |  | B&R serie X20 | 3,3 x 12 | **32690** | 20 | *600* | **991558** | 145 |
| MG-SPM-09 |  | Murrelektronik, Balluff | 8 x 20 | **32895** | 12 | *360* | **991004** | 144 |
| MG-SPM-09 |  | Murrelektronik, Balluff | 8 x 20 | **32895** | 12 | *360* | **991004** | 144 |








**PURCHASE SEPARATELY**

directly on components with suitable clip in locations.

**SUPPLIED**

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# MG-PTS

## *Push button legends*

*precut*

Push out the Ø 22.5 or 31 mm blank to locate and secure the legend behind the manual operator head.

Consult us for availability of other colours.

Note: UV resistance may vary between colours




**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

PVC FLAT SF -30°C +60°C

| Family | Self-adhesive | Size mm | Type | | | | | | Ø hole mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | black | | | | |
| MG-PTS | | 39 x 30 | 15092 | 15042 | 15082GY | 15022 | | 15002 | 22,5 | 6 | 300 | 1002 |
| | | 40 x 30 | 15090 | 15040 | 15080GY | 15020 | | 15000 | 22,5 | 6 | 300 | 1000 |
| | | 50 x 30 | 15091 | 15041 | 15081GY | 15021 | | 15001 | 22,5 | 6 | 300 | 1001 |
| | | 62 x 60 | 15094 | 15044 | 15084GY | 15024 | 15064 | 15004 | 31 | 4 | 200 | 1003 |
| MG-PTSA | ✓ | 39 x 30 | 15192 | 15142 | 15182GY | 15122 | | 15102 | 22,5 | 6 | 150 | 1002 |
| | | | 15297 | | | | | | 24 | 6 | 150 | 1007 |
| | ✓ | 40 x 30 | 15190 | 15140 | 15180GY | 15120 | | 15100 | 22,5 | 6 | 150 | 1000 |
| | ✓ | 50 x 30 | 15191 | 15141 | 15181GY | 15121 | | 15101 | 22,5 | 6 | 150 | 1001 |
| | | | 15199 | | | | | | 24 | 6 | 150 | 1006 |
| | ✓ | 60 x 40 | 15197 | | 15187GY | | | | 31 | 4 | 100 | 1005 |
| | ✓ | 62 x 60 | 15198 | | | | | 15108 | 22,5 | 4 | 100 | 1004 |
| | ✓ | 62 x 60 | 15194 | 15144 | 15184GY | 15124 | 15164 | 15104 | 31 | 4 | 100 | 1003 |

**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94

**Operating temperature range:** -40°C to +130°C

PC FLAT HF SF -40°C +130°C

| Family | Self-adhesive | Size mm | Type metallic grey | Ø hole mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| MG-PTS-HF | | 39 x 30 | 15082-HF | 22,5 | 6 | 300 | 1002 |
| | | 40 x 30 | 15080-HF | 22,5 | 6 | 300 | 1000 |
| | | 50 x 30 | 15081-HF | 22,5 | 6 | 300 | 1001 |
| | | 62 x 60 | 15084-HF | 31 | 4 | 200 | 1003 |
| MG-PTSA-HF | ✓ | 39 x 30 | 15182-HF | 22,5 | 6 | 150 | 1002 |
| | ✓ | 40 x 30 | 15180-HF | 22,5 | 6 | 150 | 1000 |
| | ✓ | 50 x 30 | 15181-HF | 22,5 | 6 | 150 | 1001 |
| | ✓ | 62 x 60 | 15184-HF | 31 | 4 | 100 | 1003 |

direct application to suitable surfaces.
Use the 991611 ribbon to print FLAT Polycarbonate items.

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CEMBRE

# MG-TAP




## Legends 15 mm

*precut*

MG-TAP legends are particularly versatile for identifying cables, conduit, push buttons, machinery, components, etc.

Consult us for availability of other colours.

Note: UV resistance may vary between colours

**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

| Family | Size mm | Type | | | | | | | | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | green | Siemens green | black | | | |
| MG-TAP | 15 x 17 | 47090N | 47040N | 47000NGY | 47020N | 47060N | 47050N | | 47010N | 42 | 1.050 | 165 |
| | 15 x 27 | 47091N | 47041N | 47001NGY | 47021N | 47061N | 47051N | 47051NSGN | 47011N | 28 | 1.400 | 166 |
| | 15 x 32 | 47098 | | | | | | | | 21 | 1.050 | 352 |
| | 15 x 43 | 47198 | | | | | | | | 14 | 700 | 353 |
| | 15 x 49 | 47092N | 47042N | 47002NGY | 47022N | 47062N | 47052N | | 47012N | 14 | 700 | 167 |
| | 15 x 67 | 47093 | 47043 | 47003GY | 47023 | 47063 | 47053 | | 47013 | 14 | 350 | 188 |
| | | Siemens 3SB3925-0AB | | | | | | | | | | |
| | 17,5 x 27,8 | 47094 | | 47004GY | | | | | 47014 | 24 | 1.200 | 175 |
| | | Schneider Electric ZBY, Telemecanique ZBZ-32, Omron | | | | | | | | | | |
| | 8,2 x 27 | 47096 | 47046 | 47006GY | 47026 | | | | 47016 | 44 | 2.200 | 807 |
| | | Schneider Electric ZBY, Telemecanique ZBZ-33, ZBZ-35, Klöchner Moeller (EATON) | | | | | | | | | | |
| | 18 x 27 | 47097 | 47047 | 47007GY | 47027 | | | | 47017 | 20 | 1.000 | 178 |
| | | Allen Bradley | | | | | | | | | | |
| | 6,4 x 27,3 | 47790 | | 47700GY | | | | | | 56 | 1.400 | 715 |
| | 16,3 x 27,3 | 47791 | | 47701GY | | | | | | 24 | 1.200 | 716 |
| | | Siemens 3SU1900-0AS10-0AA0 | | | | | | | | | | |
| | 17,5 x 27 | 47794 | | 47704GY | | | | | | 12 | 600 | 725 |
| | | Entrelec KA1-8120 | | | | | | | | | | |
| | 15 x 27,7 | 47795 | 47745 | 47705GY | | | | | | 28 | 1.400 | 163 |








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legend bases PL ..... page 141
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# MG-TAP

## *Legends 15 mm, Halogen free*

*precut*

MG-TAP legends are particularly versatile for identifying cables, conduit, push buttons, machinery, components, etc.

Consult us for availability of other colours.

Note: UV resistance may vary between colours




**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94; the colour white PC10050WH is EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC · HF · SF · -40°C · +130°C · EN 45545-2 · RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Type | | | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| | | white PC10050WH | metallic grey | transparent | | | |
| MG-TAP-HF | 15 x 17 | | **47000N-HF** | **990508N** | 42 | *1.050* | 165 |
| | 15 x 27 | **47091N-HF** | **47001N-HF** | **990510N** | 28 | *1.400* | 166 |
| | 15 x 49 | | **47002N-HF** | **990513N** | 14 | *700* | 167 |
| | 15 x 67 | **47093-HF** | **47003-HF** | **990514** | 14 | *350* | 188 |
| | Entrelec KAI-8120 | | | | | | |
| | 15 x 27,7 | | **47705-HF** | | 28 | *1.400* | 163 |
| | Siemens 3SB3925-0AB | | | | | | |
| | 17,5 x 27,8 | | **47004-HF** | **990499** | 24 | *1.200* | 175 |
| | Schneider Electric ZBY, Telemecanique ZBZ-32, Omron | | | | | | |
| | 8,2 x 27 | | **47006-HF** | | 44 | *2.200* | 807 |
| | Schneider Electric ZBY, Telemecanique ZBZ-3, ZBZ-35,ZBY6102, Klöchner Moeller (EATON) | | | | | | |
| | 18 x 27 | | **47007-HF** | | 20 | *1.000* | 178 |
| | Allen Bradley | | | | | | |
| | 6,4 x 27,3 | | **47700-HF** | | 56 | *1.400* | 715 |
| | 16,3 x 27,3 | | **47701-HF** | | 24 | *1.200* | 716 |
| | Siemens 3SU1900-0AS10-0AA0 | | | | | | |
| | 17,5 x 27 | **47794-HF** | **47704-HF** | | 12 | *600* | 725 |



Use the 991611 ribbon to print FLAT Polycarbonate items

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CEMBRE

# MG-TAPW

## Legends 9 mm



*precut*

MG-TAPW legends are used, with legend holders or legend rails, to identify a wide range of cables and components.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

PVC | FLAT | SF | -30°C | +60°C

| Family | Component | Size mm | Type | | | | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| | | | white PVC10050WH | yellow PVC10050YE | blue | green | | | |
| MG-TAPW | | 9 x 12 | 49092N | 49042N | | | 88 | 2.200 | 360 |
| | | 9 x 15 | 49093N | 49043N | | 49053N | 77 | 1.925 | 361 |
| | | 9 x 20 | 49090N | 49040N | | | 55 | 2.750 | 362 |
| | Entrelec PEAD, Wago 249-119 | 9 x 29 | 49096 | 49046 | 49066 | | 30 | 1.500 | 363 |
| | | 9 x 35 | 49091N | 49041N | | | 33 | 1.650 | 364 |
| | | 9 x 50 | 49094 | 49044 | | | 20 | 1.000 | 376 |
| | | 9 x 70 | 49095N | 49045N | | 49055N | 11 | 550 | 378 |









**Material:** Polycarbonate, Halogen Free, self extinguishing class V0 according to UL94; the colour white PC10050WH is EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC | FLAT | HF | SF | -40°C | +130°C

| Family | Size mm | Type white PC10050WH | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|
| MG-TAPW-HF | 9 x 35 | 49091N-HF | 33 | 1.650 | 364 |
| | 9 x 50 | 49094-HF | 20 | 1.000 | 376 |
| | 17 x 35 | 45194-HF | 18 | 900 | 711 |

Use the 991611 ribbon to print FLAT Polycarbonate items

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legend holders PMT-DT ..... page 132
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# MG-TAR

## Legends

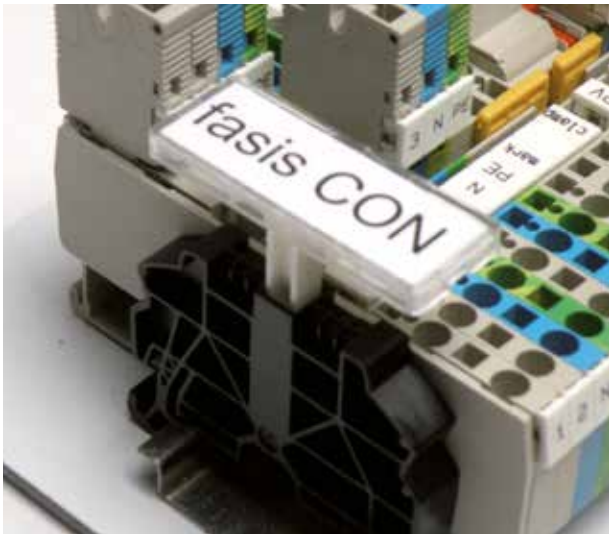
*precut*

MG-TAR legends are often designed to fit particular components with a suitable clip in or stick on location.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.






**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

PVC 0.3mm SF -30°C +60°C RoHS 2011/65/EU

| Family | Component | Size mm | Type white | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| MG_TAR | Jung | 8 x 55 | **45089** | 24 | *1.200* | 719 |

PVC 0.5mm SF -30°C +60°C cULus RoHS 2011/65/EU

| Family | Component | Size mm | Type white PVC10050WH | Type yellow PVC10050YE | Type grey | Type red | Type blue | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| MG-TAR | | 4,6 x 17,5 | **45398** | | | | | 25 | *875* | 797 |
| | | 6 x 60 | **45090** | | | | | 16 | *800* | 189 |
| | Weidmüller SCHT7 & M8/30 | 6,3 x 30 | **45396** | | | | | 45 | *2.250* | 800 |
| | Phoenix Contact KLM-A | 6,3 x 44 | **45394** | **45344** | **45384GY** | **45324** | **45364** | 30 | *750* | 798 |
| | Weidmüller SCHT5S, Beckoff I/O | 7,5 x 40 | **45098** | **45048** | | | | 24 | *1.200* | 801 |
| | Entrelec SNK LH | 8,5 x 30 | **45490** | | | | | 33 | *1.650* | 720 |
| | Wago 249-119 | 10 x 28,5 | **45395** | | | | | 27 | *1.350* | 350 |
| | Reyrolle ER231 | 10,4 x 21 | **45297** | | | | | 50 | *1.250* | 351 |
| | CZ Explosion proof 4031/4 | 12 x 57,5 | **45392** | | | | | 16 | *800* | 708 |
| | | 14 x 45,5 | **45390** | | | | | 14 | *700* | 718 |
| | | 14 x 84 | **45192** | **45142** | | | | 6 | *300* | 805 |
| | Entrelec PEB | 17 x 35 | **45194** | **45144** | | | | 18 | *900* | 711 |
| | Weidmüller SCHT5 | 17 x 40 | **45094N** | **45044N** | | | **45064N** | 18 | *900* | 713 |
| | | 17 x 44 | **45195** | **45145** | | | | 12 | *600* | 717 |
| | | 17 x 140 | **45491** | | | | | 6 | *300* | 839 |
| | CZ Explosion proof 4031/4 | 17,5 x 36 | **45391** | | | | | 18 | *900* | 709 |
| | | 26 x 46 | **45397** | | | | | 8 | *400* | 750 |
| | | 40 x 140 | **45492** | | | | | 2 | *100* | 877 |

Directly to suitable clip in or stick on locations

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CEMBRE

# MG-DOG




## *Dog tags*

*precut, predrilled with one hole*

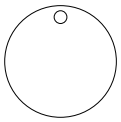
Dog tags are often loosely attached to equipment where a label cannot be fixed, eg on valves, tappings, couplers or in oil/solvent rich atmospheres.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

**Material:** Rigid PVC, self extinguishing class V0 (UL 94); the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

| Family | | Size mm | Type | | | | Ø hole mm | Cable tie max. mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | white PVC10050WH | yellow PVC10050YE | red | green | | | | | |
| MG-DOG |  | 20 x 20 | 48203 | | | | 5 | 4,8 | 25 | *1.250* | 867 |
| |  | 25 x 50 | 48204 | 48244 | | | 5 | 4,8 | 8 | *400* | 868 |
| |  | Ø 20 | 48392 | 48342 | 48322 | 48352 | 6,5 | 4,8 | 12 | *300* | 875 |
| | | | 48391 | 48341 | | | 5 | 4,8 | 12 | *300* | 874 |
| | | Ø 35 | 48300 | 48340 | 48320 | 48380 | 4 | 3,6 | 6 | *300* | 870 |

# MG-DOG

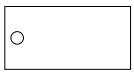



**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94; the colours white PC10050WH and yellow PC10050YE are EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

**Application temperature range:** +10°C to +40°C

PC | HF | SF | -40°C | +130°C | EN 45545-2 | RoHS 2011/65/EU

| Family | | Size mm | Type white PC10050WH | Type yellow PC10050YE | Type green | Ø hole mm | Cable tie max. mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| MG-DOG-HF |  | 25 x 50 | 48204-HF | | | 5 | 4,8 | 8 | *400* | 868 |
| | | 52 x 107 | 48397-HF | | | 6,5 | 4,8 | 2 | *100* | 204 |
| |  | Ø 20 | 48392-HF | | 48352-HF | 6,5 | 4,8 | 12 | *300* | 875 |
| | | Ø 35 | 48300-HF | 48340-HF | | 4 | 3,6 | 6 | *300* | 870 |

**Material:** SBS Styrene-Butadiene-Styrene, Halogen free, self extinguishing class HB: according to UL94

**Operating temperature range:** -30°C to +70°C

SBS | HF | SF | -30°C | +70°C | RoHS 2011/65/EU

| Family | | Size mm | Type white | Ø hole mm | Cable tie max. mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| MG-DOG-SBS |  | 19 x 38 | 40205-SBS | 8 | 8 | 8 | *400* | 869 |
| |  | 21 x 39 | 40206-SBS | 12,7 | 8 | 8 | *400* | 873 |

Appropriate attachment.
Use the 991611 ribbon to print FLAT Polycarbonate items

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CEMBRE

# MG-TAA

## *Legends self adhesive*

*precut*

MG-TAA legends are often available in the same sizes as MG-TAPW and MG-TAP. Self adhesive, they can be applied to panels, components and equipment.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.




**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

PVC SF -30°C +60°C

| Family | Size mm | Type | | | | | | | | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | green | Siemens green | black | | | |
| MG-TAA | 5 x 10 | 49599 | 49549 | | | | | | | 84 | 2.100 | 959 |
| | 7 x 20 (1) | 49196 | 49146 | 49106GY | 49126 | 49166 | 49156 | 49156SGN | 49116 | 60 | 1.500 | 179 |
| | 7 x 44 | 49597 | 49547 | | 49527 | 49567 | | | | 28 | 700 | 795 |
| | 8 x 12 | 49296 | 49246 | 49206GY | 49226 | 49266 | 49256 | | 49216 | 96 | 2.400 | 723 |
| | 8 x 17 (2) | 49493 | 49443 | | | | | | | 72 | 1.800 | 724 |
| | 8,5 x 30 (3) | 49498 | 49448 | | | | | | | 33 | 825 | 720 |
| | 9 x 12 | 49290N | 49240N | 49400NGY | 49220N | 49260N | 49250N | | 49210N | 88 | 2.200 | 960 |
| | 9 x 15 | 49397N | 49347N | 49307NGY | 49327N | 49367N | 49357N | | 49317N | 77 | 1.925 | 961 |
| | 9 x 20 (1) | 49190N | 49140N | 49100NGY | 49120N | 49160N | 49150N | | 49110N | 55 | 1.375 | 962 |
| | 9 x 35 | 49191N | 49141N | 49101NGY | 49121N | 49161N | 49151N | | 49111N | 33 | 825 | 964 |
| | 9 x 50 | 49197 | 49147 | 49107GY | 49127 | 49167 | 49157 | | 49117 | 20 | 500 | 976 |
| | 9 x 70 | 49691 | 49641 | | | | | | | 11 | 275 | 378 |
| | 10 x 105 | 49199 | 49149 | | | | | | | 10 | 250 | 530 |
| | 12 x 26 | 49399N | | 49309NGY | | | | | 49319N | 28 | 700 | 862 |
| | 15 x 15 | 49495 | 49445 | | | | | | | 49 | 1.225 | 183 |
| | 15 x 17 | 49192N | 49142N | 49102NGY | 49122N | 49162N | 49152N | | 49112N | 42 | 1050 | 965 |
| | 15 x 27 | 49193N | 49143N | 49103NGY | 49123N | 49163N | 49153N | | 49113N | 28 | 700 | 966 |
| | 15 x 44 | 49298 | 49248 | 49208GY | 49228 | 49268 | 49258 | | 49218 | 12 | 300 | 854 |
| | 15 x 49 | 49194N | 49144N | 49304NGY | 49124N | 49164N | 49154N | | 49104N | 14 | 350 | 967 |
| | 15 x 67 | 49195 | 49145 | 49405GY | 49125 | 49165 | 49155 | | 49115 | 14 | 350 | 977 |
| | 17 x 32 | 49291 | 49241 | | | | | | | 18 | 450 | 710 |
| | 17 x 35 (4) | 49198 | 49148 | 49408GY | 49128 | 49168 | 49158 | | 49118 | 18 | 450 | 711 |
| | 17 x 44 | 49393 | 49343 | 49303GY | 49323 | 49363 | 49353 | | 49313 | 12 | 300 | 717 |
| | 17,5 x 27,8 | | | 49404GY | | | | | | 24 | 600 | 175 |
| | 20 x 40 | 49292 | 49242 | 49202GY | 49222 | 49262 | 49252 | | 49212 | 10 | 250 | 803 |

# MG-TAA



PVC · FLAT · SF · -30°C · +60°C

| Family | Size mm | Type | | | | | | | | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | green | Siemens green | black | | | |
| MG-TAA | 20 x 48 | 49293 | 49243 | 49203GY | 49223 | 49263 | 49253 | | 49213 | 10 | 250 | 850 |
| | 20 x 72 | 49294 | 49244 | 49504GY | 49224 | 49264 | 49254 | | 49204 | 5 | 125 | 851 |
| | 20 x 96 | 49295 | 49245 | 49205GY | 49225 | 49265 | 49255 | | 49215 | 5 | 125 | 852 |
| | 21 x 21 | 49398N | 49348N | 49308NGY | | | | | 49318N | 25 | 625 | 956 |
| | 25 x 32 | 49595 | | | | | | | | 12 | 300 | 847 |
| | 25 x 35 | 49596 | | | | | | | | 12 | 300 | 848 |
| | 26 x 26 | 49390N | | 49300NGY | | 49360N | | | 49310N | 9 | 225 | 953 |
| | Schneider Télémecanique ZBZ-33, ZBZ-35 | | | | | | | | | | | |
| | 18 x 27 | 49396 | 49346 | 49306GY | | 49366 | | | 49316 | 20 | 500 | 178 |
| | Siemens 3SU1900-0AH10-0AA, Siemens 3SU1900-0AP10-0AA0 | | | | | | | | | | | |
| | 17,5 x 27 | 49598 | | 49508GY | | | | | 49158 | 12 | 300 | 969 |
| | Siemens 3SB3923-0AV, Siemens 3SB3943-0AX ☐ | | | | | | | | | | | |
| | 12,5 x 27 | 49399 | | 49309GY | | | | | 49319 | 15 | 375 | 865 |
| | 22 x 22 | 49398 | 49348 | 49308GY | | | | | 49318 | 12 | 300 | 866 |
| | 27 x 27 | 49390 | | 49300GY | | 49360 | | | 49310 | 9 | 225 | 863 |

(1) Application: Siemens Sirius
(2) Application: Schneider Electric
(3) Application: ABB SNK LH
(4) Application: ABB SNK LH-R1

**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94; the colour white PC10050WH is EN45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC · FLAT · HF · SF · -40°C · +130°C

| Family | Size mm | Type white PC10050WH | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|
| MG-TAA-HF | 9 x 20 | 49190N-HF | 55 | 1.375 | 962 |
| | 9 x 50 | 49197-HF | 20 | 500 | 976 |
| | 15 x 27 | 49139-HF | 28 | 700 | 966 |
| | 20 x 48 | 49293-HF | 10 | 250 | 850 |

Directly on suitable surfaces.
Use the 991611 ribbon to print FLAT Polycarbonate items

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CEMBRE

# MG-VYT




## *Labels*

*self adhesive, precut*

Dielectric PVC film labels used for internal and external marking.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

**Material:** PVC film; the colours white PVC99008WH, yellow PVC99008YE and metallic grey PVC99008GY are UL approved.

**Operating temperature range:** -30°C to +70°C

**Application temperature range:** +10°C to +40°C

PVC SF -30°C +70°C

| Family | Size mm | Type | | | | | | | | | | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC99008WH | yellow PVC99008YE | metallic grey PVC99008GY | red | blue | green | light green | orange | violet | black | transparent | | | |
| MG-VYT | 5 x 12[1] | 46927 | 46427 | 46827 | | | | | | | | | 120 | 6.000 | 199 |
| | 5 x 25 | 46956 | | | | | | | | | | | 60 | 3.000 | 601 |
| | 5 x 52 | 46958 | 46458 | | | | | | | | | | 20 | 1.000 | 602 |
| | 6 x 15 | 46915 | 46415 | 46815 | 46215 | | 46615 | 46515 | 46515LG | 46715 | 46115 | | 105 | 5.250 | 181 |
| | 7 x 10 | 44891 | 44841 | 46891 | | | | | | | | | 120 | 6.000 | 191 |
| | 7 x 15 | 46928 | 46428 | 46828 | | | | | | | | | 60 | 3.000 | 182 |
| | 7 x 20[2] | 46935 | 46435 | | | | | | | | | | 60 | 3.000 | 190 |
| | 8 x 12 | 46918 | 46418 | 46818 | | | | | | | | | 96 | 4.800 | 192 |
| | 8 x 17[3] | 46923 | 46423 | 46823 | | | | | | | | | 72 | 3.600 | 194 |
| | 8 x 21 | 46924 | 46424 | 46824 | | | | | | | | | 60 | 3.000 | 196 |
| | 9 x 12 | 46914 | 46414 | 46814 | | | | | | | | | 80 | 4.000 | 160 |
| | 9 x 15 | 44895 | 44845 | 46895 | | | | | | | | | 70 | 3.500 | 161 |
| | 9 x 20[2] | 44896N | 44846N | 46896N | 46296N | | 46696N | 46596N | 46596NLG | 46796N | 46196N | | 55 | 2.750 | 162 |
| | 9 x 35 | 46910N | 46410N | 46810N | | | | | | | | | 33 | 1.650 | 164 |
| | 15 x 15 | 46934 | 46434 | 46834 | | | | | | | | | 49 | 2.450 | 183 |
| | 15 x 17 | 46932N | 46432N | 46832N | | | | | | | | | 42 | 2.100 | 185 |
| | 15 x 27 | 46921N | 46421N | 46821N | | | | | | | | | 28 | 1.400 | 186 |
| | 15 x 49 | 46933N | 46433N | 46833N | | | | | | | | | 14 | 700 | 187 |
| | 20 x 35 | | 46444 | | | | | | | | | | 15 | 750 | 607 |

# MG-VYT






PVC SF -30°C +70°C

| Family | Size mm | Type | | | | | | | | | | | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC99008WH | yellow PVC99008YE | metallic grey PVC99008GY | red | blue | green | light green | orange | violet | black | transparent | | | |
| MG-VYT | 20 x 62 | 46954 | 46454 | | | | | | | | | | 10 | 500 | 615 |
| | 25 x 25 | 46931 | 46431 | 46831 | | | | | | | | | 16 | 800 | 611 |
| | 25 x 50 | 46925 | 46425 | 46825 | | | | | | | | | 8 | 400 | 612 |
| | 25 x 80 | 46926 | 46426 | 46826 | | | | | | | | | 4 | 200 | 613 |
| | 25 x 100 | 46938 | 46438 | | | | | | | | | | 4 | 200 | 614 |
| | 32 x 58 | 46939 | 46439 | 46839 | 46239 | | 46639 | 46539 | 46539LG | 46739 | 46139 | | 3 | 150 | 621 |
| | 42 x 78 | 46922 | 46422 | 46822 | | | | | | | | | 2 | 100 | 622 |
| | 50 x 50 | 46929 | 46429 | 46829 | | | | | | | | 46029 | 4 | 200 | 623 |
| | 52 x 107 | 46911 | 46411 | 46811 | 46211 | 46311 | 46611 | 46511 | 46511LG | 46711 | 46111 | 46011 | 2 | 100 | 624 |
| | 62 x 88 | 46941 | 46441 | 46841 | | | | | | | | | 1 | 50 | 625 |
| | 105 x 110 | 46913 | 46413 | 46813 | 46213 | | | | | | | | 1 | 50 | 627 |
| | 110 x 140 | 46942 | 46442 | 46842 | | | | | | | | | 1 | 50 | 273 |

(1) Component: Allen Bradley
(2) Component: Siemens
(3) Component: Telemecanique



Directly on suitable surfaces

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CEMBRE

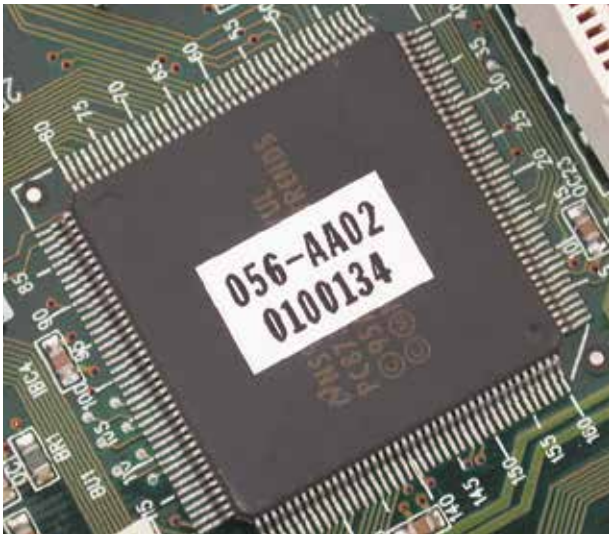
# MG-PYT

## Labels

*self adhesive, precut*

Polyester film self adhesive labels, suitable for marking components, with better resistance to high temperatures, temperature variations and shrinkage than PVC versions.

Note: Metallic grey has limited resistance to UV.




**Material:** Polyester film; the colors white PET99005WH and metallic grey PET99005GY are UL approved

**Operating temperature range:** -40°C to +130°C

**Application temperature range:** +10°C to +40°C

PET SF -40°C +130°C

| Component | Size mm | Type | | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| | | white PET99005WH | metallic grey PET99005GY | | | |
| | 6 x 15 | **47916** | **47816** | 105 | *5.250* | 181 |
| | 7 x 10 | **47191** | **47181** | 120 | *6.000* | 191 |
| Siemens | 7 x 20 | **47920** | **47820** | 60 | *3.000* | 190 |
| | 9 x 15 | **47195** | **47185** | 70 | *3.500* | 161 |
| Siemens | 9 x 20 | **47196N** | **47186N** | 55 | *2.750* | 162 |
| | 25 x 50 | **47918** | **47818** | 8 | *400* | 612 |
| | 32 x 58 | **47922** | **47822** | 3 | *150* | 621 |
| | 42 x 78 | **47927** | **47827** | 2 | *100* | 622 |
| | 52 x 107 | **47914** | **47814** | 2 | *100* | 624 |
| | 62 x 88 | **47921** | **47821** | 1 | *50* | 625 |
| | 75 x 120 | **47915** | **47815** | 1 | *50* | 626 |
| | 105 x 110 | **47913** | **47813** | 1 | *50* | 627 |



Directly on suitable surfaces

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# MG-VCT

## Labels

*self adhesive, precut*

Dielectric labels with permanent adhesive backing and increased resistance to ageing.

Their flexibility and strength make them particularly suitable for marking curved surfaces.




**Material:** Cotton fabric coated with Acrylic

**Operating temperature range:** -40°C to +150°C

**Application temperature range:** +10°C to +40°C

| Size mm | Type | | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|
| | white | yellow | | | |
| 6 x 15 | **48090** | **48040** | 105 | *5.250* | 181 |
| 7 x 10 | **48091** | **48041** | 120 | *6.000* | 191 |
| 9 x 12 | | **48014** | 80 | *4.000* | 160 |
| 9 x 15 | **48095** | **48045** | 70 | *3.500* | 161 |
| 9 x 20 | **48096N** | **48046N** | 55 | *2.750* | 162 |
| 11 x 38 | **48097** | **48047** | 27 | *1.350* | 184 |

Directly on suitable surfaces.

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CEMBRE

# MG-PLC



## PLC legends

*precut*

Legends replace the strips supplied with the devices and automatically print at the correct spacing.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94.

**Operating temperature range:** -40°C to +130°C

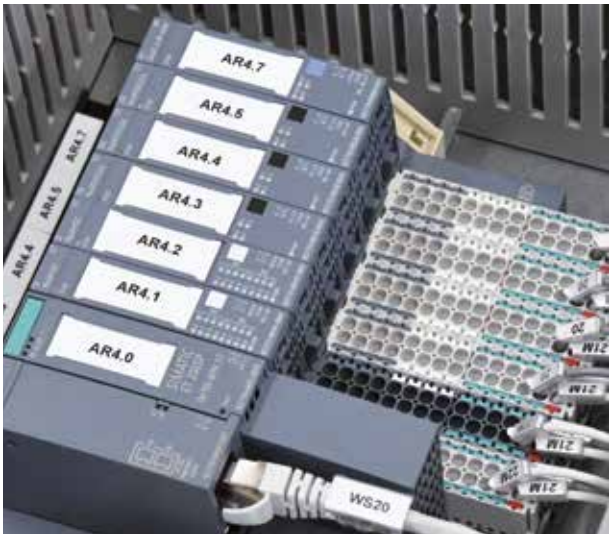
PC | HF | SF | -40°C | +130°C | RoHS 2011/65/EU

| Family | Component | Size mm | Type | | | | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| | | | white | yellow | Siemens green | grey | | | |
| MG-PLC-HF | I/O Siemens SIMATIC ET 200S | 12,7 x 50 | **71092-HF** | **71042-HF** | **71052-HF** | **71002-HF** | 14 | *140* | 885 |
| | PLC Siemens SIMATIC ET 200SP | 12,7 x 31 | **71098-HF** | **71048-HF** | **71058-HF** | **71008-HF** | 21 | *210* | 900 |
| | PLC Siemens SIMATIC S7-1500 KOMPAKT | 12,7 x 109 | **71099-HF** | **71049-HF** | **71059-HF** | **71009-HF** | 8 | *80* | 897 |
| | PLC Siemens SIMATIC S7-300 | 17,5 x 103,5 | **71090-HF** | **71040-HF** | **71050-HF** | **71000-HF** | 6 | *60* | 882 |
| | | 22 x 38 | **71097-HF** | **71047-HF** | | | 10 | *100* | 904 |
| | | 22,75 x 103,5 | **71091-HF** | **71041-HF** | **71051-HF** | **71001-HF** | 4 | *40* | 883 |
| | PLC Siemens SIMATIC S7-1500 | 22,75 x 109 | **71096-HF** | **71046-HF** | **71056-HF** | | 4 | *40* | 896 |
| | PLC Siemens SIMATIC S7 Profisafe 6ES7 | 25,6 x 50 | **71094-HF** | **71044-HF** | **71054-HF** | | 8 | *80* | 895 |
| | PLC Siemens SIMATIC | 52 x 80 | | | **71053-HF** | | 2 | *20* | 899 |



# MG-PLC






**Material:** SBS Styrene-Butadiene-Styrene, Halogen free, self extinguishing class HB: according to UL94

**Operating temperature range:** -30°C to +70°C

SBS | 0.5mm | FLAT | HF | SF | -30°C | +70°C | RoHS 2011/65/EU

| Famiglia | | Componente | Dimensioni mm | Tipo bianco | Targhette in ogni scheda | Imballo | SW code |
|---|---|---|---|---|---|---|---|
| MG-PLC-SBS |  | PLC Siemens SIMATIC ET 200SP | 10 x 15 | **71190-SBS** | 9 | *90* | 1201 |





Direct application to PLCs.
Use the 991611 ribbon to print FLAT Polycarbonate items

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CEMBRE

# MG-SAT

## *Security labels*



*ultradestructible and antitamper film, precut*

**MG-SAT-V** "Void" anti tamper film: when removed, leaves the word "Void" on the surface, as evidence of its removal.

**MG-SAT-C** "Checker-board" anti tamper film: when removed, leaves behind a checker-board imprint on the surface, as evidence of its removal.

**MG-SAT-D** Ultradestructible film: when removed, allowing two hours after application, this film will break up into very small fragments to prevent replacement.

### MG-SAT-V

**Material:** matt Polyester film

**Operating temperature range:** -40°C to +140°C

PET SF -40°C +90°C RoHS COMPLIANT 2011/65/EU

| Family | VOID | Size mm | Type white | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| MG-SAT-V |  | 20 x 62 | **29004** | 10 | *500* | 615 |
| | | 24 x 38 | **29001** | 6 | *300* | 270 |
| | | 37 x 74 | **29002** | 2 | *100* | 271 |
| | | 52 x 105 | **29003** | 2 | *100* | 272 |

### MG-SAT-C

**Material:** matt Polyester film

**Operating temperature range:** -40°C to +140°C

PET SF -40°C +140°C RoHS COMPLIANT 2011/65/EU

| Family | CHECKER BOARD | Size mm | Type metallic grey | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| MG-SAT-C |  | 9 x 15 | **29806** | 70 | *3.500* | 161 |
| | | 15 x 49 | **29807** | 14 | *700* | 187 |
| | | 24 x 38 | **29801** | 6 | *300* | 270 |
| | | 37 x 74 | **29802** | 2 | *100* | 271 |
| | | 52 x 105 | **29803** | 2 | *100* | 272 |
| | | 110 x 140 | **29804** | 1 | *50* | 273 |

### MG-SAT-D

**Material:** film PE-HD

**Operating temperature range:** -30°C to +80°C

PEHD SF -30°C +80°C RoHS COMPLIANT 2011/65/EU

| Family | ULTRADESTRUCTIBLE | Size mm | Type white | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| MG-SAT-D |  | 9 x 15 | **29906** | 70 | *3.500* | 161 |
| | | 15 x 49 | **29907** | 14 | *700* | 187 |
| | | 24 x 38 | **29901** | 6 | *300* | 270 |
| | | 37 x 74 | **29902** | 2 | *100* | 271 |
| | | 52 x 105 | **29903** | 2 | *100* | 272 |

Directly on suitable surfaces.

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# MG-17.5

## Modular legends

*precut*

The MG-17.5-R series comprises legends designed for use with modular components.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.






**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

**Application temperature range:** +10°C to +40°C

PVC FLAT SF - 30°C + 60°C

| Family | Component | N° of modules | Size mm | Type white PVC10050WH | Type yellow PVC10050YE | Type grey | Type red | Type blue | Type black | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MG-17.5-R | Bticino | 6 | 12 x 105 | 990788N | | | | | | 8 | 400 | 332 |
| | Merlin Gerin | 1 | 15 x 17,5 | 990768N | 990769N | 990785NGY | 990863N | | 990862N | 42 | 1.050 | 321 |
| | | 2 | 15 x 35 | 990766N | 990767N | 990784NGY | 990865N | | 990864N | 21 | 1.050 | 322 |
| | | 3 | 15 x 52,5 | 990764N | 990765N | 990783NGY | 990908N | | 990907N | 14 | 700 | 323 |
| | | 4 | 15 x 70 | 990762 | 990763 | 990782GY | 990912 | | 990911 | 6 | 300 | 324 |
| | | 5 | 15 x 87,5 | 990755 | 990761 | 990781GY | | | | 6 | 300 | 325 |
| | | 6 | 15 x 107,5 | 990798N | 990799N | 990809NGY | 990846 | 990847 | | 7 | 350 | 329 |
| | | 1 | 25 x 18 | 990889 | 990895 | | 990900 | | 990914 | 24 | 1.200 | 335 |
| | Merlin Gerin | 1½ | 25 x 27 | 990891 | 990892 | | 990897 | | 990915 | 16 | 800 | 334 |
| | Merlin Gerin | 2 | 25 x 36 | 990888 | 990894 | | 990899 | | 990916 | 12 | 600 | 336 |
| | Merlin Gerin | 3 | 25 x 50 | 990887 | 990893 | | 990898 | | 990917 | 8 | 400 | 337 |
| | Merlin Gerin | 4 | 25 x 70 | 990890 | 990896 | | 990901 | | 990918 | 4 | 200 | 338 |
| | | 1 | 37,5 x 17,5 | 990950 | 990951 | | 990952 | | 990953 | 18 | 900 | 345 |
| | | 8 | 15 x 140 | 990883 | 990884 | | | | | 7 | 350 | 331 |

**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94.

**Operating temperature range:** -40°C to +130°C




PC FLAT HF SF - 40°C + 130°C

| Family | N° of modules | Size mm | Type metallic grey | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| MG-17.5-R-HF | 1 | 15 x 17,5 | 990785N-HF | 42 | 1.050 | 321 |
| | 2 | 15 x 35 | 990784N-HF | 21 | 1.050 | 322 |
| | 3 | 15 x 52,5 | 990783N-HF | 14 | 700 | 323 |
| | 4 | 15 x 70 | 990782-HF | 6 | 300 | 324 |
| | 5 | 15 x 87,5 | 990781-HF | 6 | 300 | 325 |
| | 6 | 15 x 107,5 | 990809N-HF | 7 | 350 | 329 |

Use the modular legend for Merlin Gerin directly on the components or with self adhesive modular backing strips.
Use the 991611 ribbon to print FLAT Polycarbonate items.

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CEMBRE

# MG-17.5



## Modular legends

*self adhesive, precut*

The MG-17.5-A series comprises self adhesive legends designed for use with modular components.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

**Application temperature range:** +10°C to +40°C

PVC | FLAT | SF | -30°C | +60°C

| Family | N° of modules | Size mm | Type | | | | | | | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | green | black | | | |
| MG-17.5-A | 2 | 15 x 35 | 990753N | 990820N | 990822NGY | 990923N | 990963N | 990954N | 990913N | 21 | *525* | 922 |
| | 6 | 15 x 107,5 | 990824 | 990826 | 990827NGY | 990929 | 990926 | 990925 | 990833N | 7 | *175* | 929 |
| | 6 | 20 x 107,5 | 990972 | | | | | | | 5 | *125* | 946 |
| | 1 | 25 x 18 | 990869 | 990878 | | 990905 | | | 990919 | 24 | *600* | 935 |
| | 1½ | 25 x 27 | 990871 | 990872 | | 990902 | | | 990920 | 16 | *400* | 934 |
| | 2 | 25 x 36 | 990868 | 990877 | | 990904 | 990970 | | 990921 | 12 | *300* | 936 |
| | 3 | 25 x 50 | 990867 | 990873 | | 990903 | | | 990922 | 8 | *200* | 937 |
| | 4 | 25 x 70 | 990870 | 990879 | | 990906 | | | 990924 | 4 | *100* | 938 |
| | 8 | 15 x 140 | 990880 | 990881 | | | | | | 7 | *175* | 931 |

**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94

**Operating temperature range:** -40°C to +130°C

PC | FLAT | HF | SF | -40°C | +120°C

| Family | N° of modules | Size mm | Type | | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| | | | white | metallic grey | | | |
| MG-17.5-A-HF | 2 | 15 x 35 | | 990822N-HF | 21 | *525* | 922 |
| | 6 | 15 x 107,5 | | 990827N-HF | 7 | *175* | 929 |
| | 6 | 20 x 107,5 | 990972-HF | | 5 | *125* | 946 |
| | 8 | 15 x 140 | | 990882-HF | 7 | *175* | 931 |

Merlin Gerin modular tags can be used directly on rails or vinyl adhesive base strips.
Directly on the panel.
Use the 991611 ribbon to print FLAT Polycarbonate items.

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ribbons..... page 11

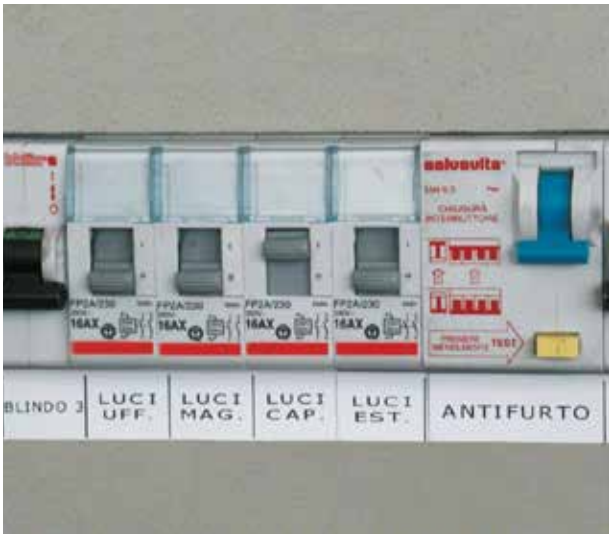
# MG-17.5

## Modular labels

*15 mm, self adhesive, precut*

The MG-17.5 series comprises labels designed for use with modular components.

Consult us for availability of other colours. Note: UV resistance may vary between colours.




### MG-17.5-VY

**Material:** PVC film; the colours white PVC99008WH and yellow PVC990080YE are UL approved.

**Operating temperature range:** -30°C to +70°C

**Application temperature range:** +10°C to +40°C

PVC SF -30°C +70°C

| Family | N° of modules | Size mm | Type | | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| | | | white PVC99008WH | yellow PVC99008YE | | | |
| MG-17.5-VY | 6 | 15 x 107,5 | 990746N | 990747N | 7 | 350 | 570 |

### MG-17.5-PY

Metallic grey labels are used indoor.

**Material:** Polyester film: the colours white PET99005WH and metallic grey PET99005GY are UL approved.

**Operating temperature range:** -40°C to +130°C

**Application temperature range:** +10°C to +40°C

PET SF -40°C +130°C

| Family | N° of modules | Size mm | Type | | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| | | | white PET99005WH | metallic grey PET99005GY | | | |
| MG-17.5-PY | 6 | 15 x 107,5 | 990777N | 990779N | 7 | 350 | 570 |
| | 8 | 15 x 140 | 990931 | | 7 | 350 | 931 |

Directly on the panel or with modular backing strips in PVC.

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modular backing strips ..... page 44



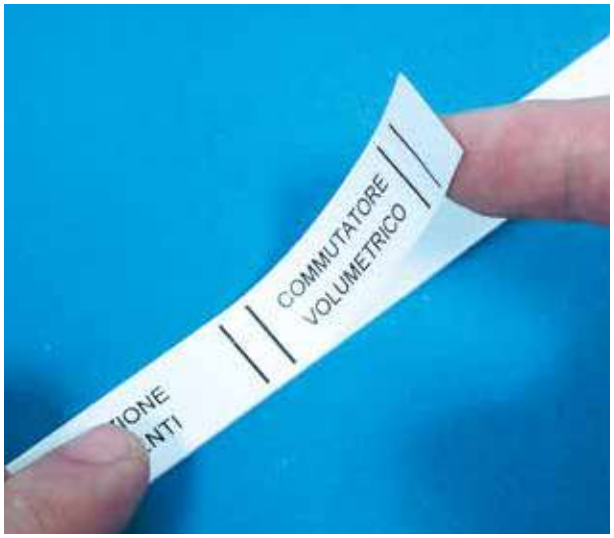
CEMBRE

# MG-17.5

## Modular backing strips

*15 mm, precut*

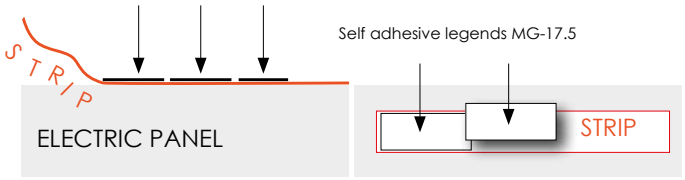
The backing strips are ideal for modular components to achieve a perfect alignment of MG-17.5 legends in up to 430 mm long strips, to be applied directly on the panel or in mounting rails.




**Material:** PVC film

**Operating temperature range:** -30°C to +70°C

**Application temperature range:** +10°C to +40°C



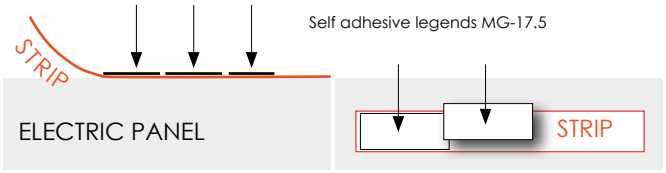

PVC 0.1mm SF - 30°C + 70°C RoHS COMPLIANT 2011/65/EU

| self adhesive | Size mm | Type | | Thickness mm | Quantity |
|---|---|---|---|---|---|
| | | white | yellow | | |
| ✓ | 15 x 430 | 990752 | 990756 | 0,1 | 10 |

**Material:** Rigid PVC, self extinguishing class V0: according to UL94

**Operating temperature range:** -30°C to +60°C

**Application temperature range:** +10°C to +40°C



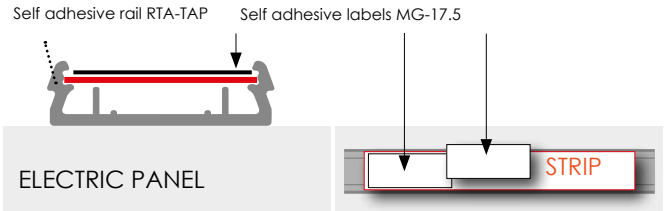

PVC 0.7mm SF - 30°C + 60°C RoHS COMPLIANT 2011/65/EU

| self adhesive | Size mm | Type | | Thickness mm | Quantity |
|---|---|---|---|---|---|
| | | white | yellow | | |
| ✓ | 15 x 430 | 990759 | 990760 | 0,7 | 10 |

**Material:** Rigid PVC, self extinguishing class V0: according to UL94

**Operating temperature range:** -30°C to +60°C

**Application temperature range:** +10°C to +40°C




PVC 0.5mm SF - 30°C + 60°C RoHS COMPLIANT 2011/65/EU

| Size mm | Type | | Thickness mm | Quantity |
|---|---|---|---|---|
| | white | yellow | | |
| 15 x 430 | 990757 | 990758 | 0,5 | 10 |

Directly on the panel.

modular legends MG-17.5 ..... page 41
modular labels MG-17.5 ..... page 43
rails RT-TAP ..... page 144

# GMCK

## *Customisable panel plates*

Print legend & rating plates with full colour logos.

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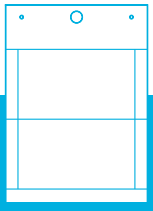
To request a quote complete the form on page 194 or download the pdf version.




**Relevant performance standards**

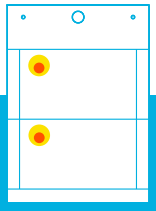
resistance to UV: **UNI EN ISO 4892-2**

indelibility of print: **CEI 16-7, CEI 23-11 / CEI EN 61058-1, CEI EN 61010-1 / VDE 0411-1, CEI EN 61439-1: 2010-01**

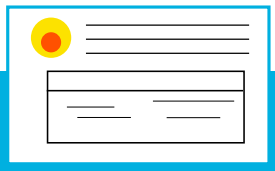


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CEMBRE

# MG-VRT-R

## *Panel plates rivet fixing*




*customisable*

MG-VRT-R rigid PVC panel plates are used to create name plates, rating plates, data plates using company logos, technical data, serial numbers, EC certification, etc.

Transparent Polycarbonate covers can be used for increased durability.

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.

**Material:** Rigid PVC, self extinguishing class V0 according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

**Application temperature range:** +10°C to +40°C

| Family | Size mm | Type | | | | | | Cover | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC10050WH | yellow PVC10050YE | grey | red | green | black | | | | |
| MG-VRT-R | 25 x 80 | 48908 | 48408 | | | | | | 4 | 200 | 861 |
| | 25 x 100 | 48905 | 48405 | | | | | | 4 | 200 | 205 |
| | 25 x 140 | 48946 | | | | | | | 4 | 100 | 824 |
| | 30 x 70 | 48929 | | | | | | | 3 | 150 | 820 |
| | 32 x 58 | 48900N | 48400N | 48700NGY | | | | 47590 | 6 | 300 | 200 |
| | 35 x 100 | 48917 | 48417 | 48717GY | 48217 | | | | 3 | 75 | 810 |
| | 42 x 78 | 48901 | 48401 | 48701GY | | | | 47591 | 2 | 100 | 202 |
| | 50 x 50 | 48918 | 48418 | | | | | | 4 | 200 | 858 |
| | 50 x 100 | 48997 | | | 48297 | | 48197 | | 2 | 50 | 844 |
| | 52 x 107 | 48903 | 48403 | 48703GY | 48223 | | 48103 | 47592 | 2 | 100 | 204 |
| | 60 x 100 | 48941 | | | | | | 47596 | 1 | 50 | 821 |
| | 62 x 88 | 48902 | 48402 | 48702GY | | | | 47594 | 1 | 50 | 203 |
| | 92 x 118 | 48913 | 48413 | 48713GY | 48213 | 48513 | 48113 | 47593 | 1 | 50 | 813 |
| | 102 x 138 | 48928 | 48428 | 48728GY | 48228 | | 48128 | 47595 | 1 | 50 | 207 |
| | 105 x 110 | 48904 | | 48704GY | | | | | 1 | 50 | 859 |

Directly on suitable surfaces.

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transparent cover CPT ..... page 143

# MG-VRT-R

## *Panel plates rivet fixing, Halogen free*

*customisable*

MG-VRT-R Polycarbonate panel plates are used to create name plates, rating plates, data plates using company logos, technical data, serial numbers, EC certification, etc.

Transparent Polycarbonate covers can be used for increased durability.

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.




**Material:** Polycarbonate, Halogen Free, self extinguishing class V0 according to UL94; the colour white PC10050WH is EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC FLAT HF SF - 40°C + 130°C EN 45545-2 RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Type | | | Cover | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| | | white PC10050WH | matt white | metallic grey | | | | |
| MG-VRT-R-HF | 32 x 58 | **48900N-HF** | | **48700N-HF** | **47590** | 6 | *300* | 200 |
| | 35 x 100 | **48917-HF** | | **48717-HF** | | 3 | *75* | 810 |
| | 42 x 78 | **48901-HF** | | **48701-HF** | **47591** | 2 | *100* | 202 |
| | 50 x 50 | **48918-HF** | | **48718-HF** | | 4 | *200* | 858 |
| | 52 x 107 | **48903-HF** | | **48703-HF** | **47592** | 2 | *100* | 204 |
| | 62 x 88 | **48902-HF** | | **48702-HF** | **47594** | 1 | *50* | 203 |
| | 75 x 120 | **48944-HF** | | | | 2 | *50* | 815 |
| | 92 x 118 | **48913-HF** | | **48713-HF** | **47593** | 1 | *50* | 813 |
| | 102 x 138 | **48928-HF** | **489280P-HF** | **48728-HF** | **47595** | 1 | *50* | 207 |

Directly on suitable surfaces.
Use the 991611 ribbon to print FLAT Polycarbonate items.

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ribbons ..... page 11
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CEMBRE

# MG-VRT-RH

## *Panel plates rivet fixing with holes*

*customisable*




MG-VRT-RH rigid PVC panel plates are used to create name plates, rating plates, data plates using company logos, technical data, serial numbers, EC certification, etc. Transparent Polycarbonate covers can be used for increased durability.

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.

**Material:** Rigid PVC, self extinguishing class V0 according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

PVC SF -30°C +60°C

| Family | Size mm | Type | | | | | | No. Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | black | | | | |
| MG-VRT-RH | 15 x 35 | 49906 | | | | | 49916 | 2 | 21 | 1.050 | 837 |
| | 15 x 52 | 48924 | | | | | 48129 | 2 | 14 | 350 | 831 |
| | 15 x 80 | 48938 | 48438 | | | | 48138 | 2 | 7 | 175 | 828 |
| | 25 x 50 | 48906 | 48406 | 48806GY | | 48606 | | 2 | 8 | 200 | 860 |
| | 25 x 75 | 48907 | 48407 | | | | | 2 | 4 | 100 | 809 |
| | 25 x 80 | 48931 | | | | | 48131 | 2 | 4 | 100 | 832 |
| | 25 x 100 | 48914 | 48414 | | | | 48114 | 2 | 4 | 200 | 206 |
| | 29 x 140 | 48932 | | | | | 48132 | 2 | 3 | 75 | 834 |
| | 35 x 50 | 48930 | | | | | 48130 | 2 | 6 | 150 | 833 |
| | 35 x 80 | 48937 | 48437 | | 48237 | 48637 | | 2 | 3 | 75 | 827 |
| | 35 x 100 | 48909 | 48409 | | | | | 2 | 3 | 75 | 818 |
| | 35 x 142 | 48923 | | | | | | 2 | 3 | 150 | 835 |
| | 50 x 100 | 48911 | 48411 | 48811GY | | | | 4 | 2 | 50 | 811 |
| | 50 x 140 | 48919 | | | | | | 4 | 2 | 50 | 872 |
| | 60 x 100 | 48927 | | | | | | 4 | 2 | 50 | 842 |
| | 75 x 120 | 48915 | 48415 | | 48215 | | 48115 | 4 | 1 | 50 | 816 |
| | 82 x 142 | 48921 | 48421 | | | | | 4 | 1 | 50 | 836 |
| | 105 x 110 | 48912 | 48412 | 48712GY | | | | 4 | 1 | 25 | 859 |

Directly on suitable surfaces.

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# MG-VRT-RH

## *Panel plates rivet fixing with holes, Halogen free*

*customisable*

MG-VRT-RH Polycarbonate panel plates are used to create name plates, rating plates, data plates using company logos, technical data, serial numbers, EC certification, etc. Transparent Polycarbonate covers can be used for increased durability.

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.




**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94; the colour white PC10050WH is EN 45545-2 approved.

**Operating temperature range:** -40°C to +130°C

PC FLAT HF SF - 40°C + 130°C EN 45545-2 RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Type | | | No. Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| | | white PC10050WH | matt white | metallic grey | | | | |
| MG-VRT-RH-HF | 15 x 52 | 48924-HF | | | 2 | 14 | 350 | 831 |
| | 15 x 80 | 48938-HF | 489380P-HF | | 2 | 7 | 175 | 828 |
| | 25 x 50 | | | 48806-HF | 2 | 8 | 200 | 860 |
| | 25 x 75 | 48907-HF | | | 2 | 4 | 100 | 809 |
| | 25 x 80 | 48931-HF | | | 2 | 4 | 100 | 832 |
| | 29 x 140 | 48932-HF | | | 2 | 3 | 75 | 834 |
| | 35 x 50 | 48930-HF | | | 2 | 6 | 150 | 833 |
| | 35 x 142 | 48923-HF | | | 2 | 3 | 150 | 835 |
| | 50 x 100 | | | 48811-HF | 4 | 2 | 50 | 811 |
| | 50 x 140 | 48919-HF | | | 4 | 2 | 50 | 872 |
| | 75 x 120 | 48915-HF | | | 4 | 2 | 50 | 816 |
| | 105 x 110 | | | 48712-HF | 4 | 1 | 25 | 859 |

**Material:** SBS Styrene-Butadiene-Styrene, Halogen free, self extinguishing class HB: according to UL94

**Operating temperature range:** -30°C to +70°C

SBS FLAT HF SF - 30°C + 70°C RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Type | | No.Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| | | white | yellow | | | | |
| MG-VRT-RH-SBS | 50 x 100 | 48911-SBS | 48411-SBS | 4 | 2 | 50 | 811 |

Directly on suitable surfaces.
Use the 991611 ribbon to print FLAT Polycarbonate items.

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CEMBRE

# MG-VRT-A

## *Panel plates self adhesive*

*customisable*




MG-VRT-A rigid PVC self adhesive panel plates are used to create name plates, rating plates, data plates using company logos, technical data, serial numbers, EC certification, etc. Transparent Polycarbonate covers can be used for increased durability.

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.

**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

**Application temperature range:** +10°C to +40°C

PVC | SF | -30°C | +60°C

| Family | Size mm | Type | | | | | | | Cover | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | green | black | | | | |
| MG-VRT-A | 15 x 102 | | | | | 88655 | | | | 7 | 175 | 829 |
| | 20 x 127 | 88973 | | | | | | | | 5 | 125 | 826 |
| | 25 x 50 | 88916 | 88416 | 88716GY | 88216 | 88616 | 88516 | 88116 | | 8 | 200 | 853 |
| | 25 x 80 | 88908 | 88408 | 88708GY | 88208 | 88608 | | 88108 | | 4 | 100 | 861 |
| | 25 x 100 | 88905 | 88405 | | 88205 | 88605 | | 88005 | | 4 | 100 | 205 |
| | 25 x 140 | 88946 | 88446 | | | | | | | 4 | 100 | 824 |
| | 32 x 58 | 88900N | 88400N | 88700NGY | 88200N | 88600N | | 88000N | 47590 | 6 | 150 | 200 |
| | 35 x 75 | 88945 | 88445 | 88745GY | | | | | | 3 | 75 | 825 |
| | 35 x 100 | 88917 | 88417 | 88717GY | 88217 | 88617 | 88517 | 88007 | | 3 | 75 | 810 |
| | 40 x 138 | 88935 | | 88735GY | 88235 | | | 88135 | | 2 | 50 | 822 |
| | 42 x 78 | 88901 | 88401 | 88701GY | 88201 | 88601 | | 88101 | 47591 | 2 | 50 | 202 |
| | 50 x 50 | 88918 | 88418 | | | | | 88118 | | 4 | 100 | 858 |
| | 52 x 107 | 88903 | 88403 | 88703GY | 88203 | 88603 | | 88103 | 47592 | 2 | 50 | 204 |
| | 57 x 82,5 | 88971 | | 88771GY | | | | | | 2 | 50 | 841 |
| | 60 x 100 | 88962 | | 88762GY | | | | | | 2 | 50 | 821 |
| | 62 x 88 | 88902 | 88402 | 88702GY | | | | | 47594 | 1 | 25 | 203 |
| | 65 x 122 | 88963 | | | | | | | | 1 | 25 | 845 |
| | 90 x 140 | 88964 | | | | | | | | 1 | 25 | 846 |
| | 92 x 118 | 88913 | 88413 | 88713GY | 88213 | 88613 | | 88113 | 47593 | 1 | 25 | 813 |
| | 102 x 138 | 88928 | 88428 | 88728GY | 88228 | 88628 | | 88128 | 47595 | 1 | 25 | 207 |
| | 105 x 110 | 88904 | 88404 | 88704GY | 88204 | | | | | 1 | 25 | 812 |

Directly on suitable surfaces.

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# MG-VRT-A

## *Panel plates self adhesive, Halogen free*

*customisable*

MG-VRT-A Polycarbonate self adhesive panel plates are used to create name plates, rating plates, data plates using company logos, technical data, serial numbers, EC certification, etc. Transparent Polycarbonate covers can be used for increased durability.

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.




**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94

**Operating temperature range:** -40°C to +120°C

**Application temperature range:** +10°C to +40°C

PC FLAT HF SF - 40°C + 120°C RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Type | | Cover | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| | | white | metallic grey | | | | |
| MG-VRT-A-HF | 20 x 110 | | **88765-HF** | | 5 | *125* | 779 |
| | 25 x 50 | | **88716-HF** | | 8 | *200* | 853 |
| | 25 x 80 | **88908-HF** | **88708-HF** | | 4 | *100* | 861 |
| | 32 x 58 | | **88700N-HF** | **47590** | 6 | *150* | 200 |
| | 35 x 100 | | **88717-HF** | | 3 | *75* | 810 |
| | 40 x 138 | | **88735-HF** | | 2 | *50* | 822 |
| | 42 x 78 | **88901-HF** | **88701-HF** | **47591** | 2 | *50* | 202 |
| | 50 x 100 | | **88769-HF** | | 2 | *50* | 811 |
| | 52 x 107 | **88903-HF** | **88703-HF** | **47592** | 2 | *50* | 204 |
| | 57 x 87,5 | | **88771-HF** | | 2 | *50* | 841 |
| | 60 x 100 | | **88762-HF** | | 2 | *50* | 821 |
| | 62 x 88 | | **88702-HF** | **47594** | 1 | *25* | 203 |
| | 92 x 118 | | **88713-HF** | **47593** | 1 | *25* | 813 |
| | 100 x 140 | | **88777-HF** | **47595** | 1 | *25* | 838 |
| | 102 x 138 | **88928-HF** | **88728-HF** | **47595** | 1 | *25* | 207 |
| | 105 x 110 | **88904-HF** | **88704-HF** | | 1 | *25* | 812 |

Directly on suitable surfaces.
Use the 991611 ribbon to print FLAT Polycarbonate items.

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CEMBRE

# MG-VRT-AH

## *Panel plates self adhesive with holes*




*customisable*

MG-VRT-AH rigid PVC self adhesive panel plates are used to create name plates, rating plates, data plates using company logos, technical data, serial numbers, EC certification, etc. Transparent polycarbonate covers can be used for increased durability.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

**Application temperature range:** +10°C to +40°C

PVC SF -30°C +60°C

| Family | Size mm | Type | | | | | | No. Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white PVC10050WH | yellow PVC10050YE | grey | red | blue | black | | | | |
| MG-VRT-AH | 15 x 52 | 88940 | | | | | 88140 | 2 | 14 | 350 | 831 |
| | 20 x 40 | 88920 | 88420 | 88720GY | | | | 2 | 10 | 250 | 864 |
| | 25 x 50 | 88906 | 88406 | | | | | 2 | 8 | 200 | 860 |
| | 25 x 75 | 88907 | 88407 | | 88207 | | | 2 | 4 | 100 | 809 |
| | 25 x 80 | 88942 | | | | | 88142 | 2 | 4 | 100 | 832 |
| | 25 x 100 | 88914 | 88414 | | 88214 | | | 2 | 4 | 100 | 206 |
| | 25 x 140 | 88927 | 88427 | | | | | 2 | 4 | 100 | 871 |
| | 29 x 140 | 88943 | | | | | 88143 | 2 | 3 | 75 | 834 |
| | 30 x 115 | 88967 | 88467 | | | | | 2 | 3 | 75 | 780 |
| | 35 x 50 | 88941 | | | | | 88141 | 2 | 6 | 150 | 833 |
| | 35 x 75 | 88929 | | | | | | 2 | 3 | 75 | 817 |
| | 35 x 85 | 88944 | 88444 | | | | | 2 | 3 | 75 | 823 |
| | 35 x 100 | 88909 | 88409 | | | | | 2 | 3 | 75 | 818 |
| | 35 x 100 | 88910 | 88410 | | | | | 4 | 3 | 75 | 818 |
| | 35 x 142 | 88939 | | | | | | 2 | 3 | 75 | 835 |
| | 40 x 150 | 88968 | 88468 | | | | | 2 | 2 | 50 | 781 |
| | 42 x 78 | 88922 | 88422 | | | | | 2 | 2 | 50 | 819 |
| | 50 x 100 | 88911 | 88411 | | 88211 | | | 4 | 2 | 50 | 811 |
| | 50 x 140 | 88919 | | | | 88619 | | 4 | 2 | 50 | 872 |
| | 50 x 150 | 88956 | | | | | | 4 | 2 | 50 | 843 |
| | 75 x 120 | 88915 | 88415 | | | | 88115 | 4 | 1 | 25 | 816 |
| | 82 x 142 | 88938 | | | | | | 4 | 1 | 25 | 836 |
| | 102 x 138 | | | | 88237 | 88637 | | 4 | 1 | 25 | 208 |
| | 105 x 110 | 88912 | 88412 | 88712GY | | | | 4 | 1 | 25 | 859 |

Directly on suitable surfaces.

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# MG-VRT-AH

## *Panel plates self adhesive with holes*

*customisable*

MG-VRT-AH Polycarbonate self adhesive panel plates are used to create name plates, rating plates, data plates using company logos, technical data, serial numbers, EC certification, etc. Transparent polycarbonate covers can be used for increased durability.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.




**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: according to UL94

**Operating temperature range:** -40°C to +120°C

**Application temperature range:** +10°C to +40°C

PC FLAT HF SF - 40°C + 120°C RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Type | | No. Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| | | yellow | metallic grey | | | | |
| MG-VRT-AH-HF | 20 x 40 | | 88720-HF | 2 | 10 | *250* | 864 |
| | 50 x 100 | | 88711-HF | 4 | 2 | *50* | 811 |
| | 75 x 120 | 88415-HF | 88715-HF | 4 | 1 | *25* | 816 |
| | 105 x 110 | | 88712-HF | 4 | 1 | *25* | 859 |

Directly on suitable surfaces.
Use the 991611 ribbon to print FLAT Polycarbonate items.

template with PET support ..... page 10
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CEMBRE

# MG-SIGNS

## Panel legends

*precut*

The MG-SIGNS legends is used for in-house production of warning, hazard, prohibition and mandatory signs from pictograms provided in the library of GENIUSPRO software.

A highly versatile system for rapidly and accurately producing signs in all languages, on a one-off basis if required.




**Material:** Rigid PVC, self extinguishing class V0: according to UL94; the colours white PVC10050WH and yellow PVC10050YE are UL approved.

**Operating temperature range:** -30°C to +60°C

**Application temperature range:** +10°Cto +40°C

PVC | SF | -30°C | +60°C | RoHS COMPLIANT 2011/65/EU

| Family | Shape | Self adhesive | Size mm | Type white PVC10050WH | Type yellow PVC10050YE | Type red | Ø mm Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| MG-SIGNS-R | △ | | 40 | | 990984 | | | 4 | 200 | 243 |
| | ▭ | | 37 x 74 | 991052 | 990713 | 990987 | | 2 | 100 | 271 |
| | | | 52 x 105 | | 990714 | | | 2 | 100 | 272 |
| | ◎ | | Ø 62 | 991050 | | | 22.5 | 2 | 50 | 252 |
| | | | | | 990743 | | 22,5 | 2 | 50 | 252 |
| | | | | | 990930 | | 30 | 2 | 50 | 265 |
| | | | Ø 90 | 991051 | | | 22.5 | 1 | 50 | 263 |
| | | | | | 990744 | | 22,5 | 1 | 50 | 263 |
| | | | | | 990745 | | 30,5 | 1 | 50 | 264 |
| MG-SIGNS-A | △ | ✓ | 40 | | 990935 | | | 4 | 200 | 243 |
| | | ✓ | 100 | | 990704 | | | 1 | 50 | 262 |
| | ○ | ✓ | Ø 40 | 990927 | 990928 | 990858 | | 4 | 200 | 250 |
| | | ✓ | Ø 100 | 990705 | | | | 1 | 50 | 253 |
| | ▭ | ✓ | 37 x 74 | | 990711 | 990986 | | 2 | 100 | 271 |
| | | ✓ | 40 x 80 | | 990985 | | | 3 | 75 | 274 |
| | | ✓ | 52 x 105 | | 990712 | | | 2 | 100 | 272 |




Directly on suitable surfaces.

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# MG-SIGNS

## *Panel labels*

*self adhesive, precut*

The MG-SIGNS labels is used for in-house production of warning, hazard, prohibition and mandatory signs from pictograms provided in the library of GENIUSPRO software.

A highly versatile system for rapidly and accurately producing signs in all languages, on a one-off basis if required.




**Material:** PVC film; the colours white PVC99008WH are UL approved.

**Operating temperature range:** -30°C to +70°C

**Application temperature range:** +10°C to +40°C

PVC SF -30°C +70°C

| Family | Shape | Size mm | Type | | | Ø mm Holes | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| | | | white PVC99008WH | yellow | red | | | | |
| MG-SIGNS-VY | △ | 50 | | 991104 | | | 4 | 200 | 241 |
| | | 100 | | 991105 | | | 1 | 50 | 242 |
| | △ | 50 | | 991103 | | | 4 | 200 | 260 |
| | ○ | Ø 25 | 990860 | 990101 | 990992 | | 12 | 600 | 236 |
| | | Ø 100 | 990702 | 991102 | | | 1 | 50 | 238 |
| | ▭ | 37 x 74 | | 991109 | 990988 | | 2 | 100 | 246 |
| | | 52 x 105 | 990825 | 991110 | | | 2 | 100 | 247 |
| | ◎ | 62 | | 991106 | | 22,5 | 1 | 50 | 232 |
| | | 90 | | 991107 | | 22,5 | 1 | 50 | 233 |
| | | 90 | | 991108 | | 30,5 | 1 | 50 | 234 |
| | ▭ | 45 x 150 | 990991 | | | | 2 | 100 | 275 |

Directly on suitable surfaces.

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CEMBRE

# MG-SIGNS




## *Panel labels*

*self adhesive, precut*

The MG-SIGNS labels is used for in-house production of warning, hazard, prohibition and mandatory signs from pictograms provided in the library of GENIUSPRO software.

A highly versatile system for rapidly and accurately producing signs in all languages, on a one-off basis if required.

**Material:** Polyester film; the colour metallic grey PET99005GY and the base material PETSIGNWHTR are UL approved.

**Operating temperature range:** -40°C to +130°C

**Application temperature range:** +10°C to +40°C

PET SF -40°C +130°C

| Family | Shape | Size mm | Tipo | | Ø mm Holes | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| | | | white/orange PETSIGNWHTR | metallic grey PET99005GY | | | | |
| MG-SIGNS-PY | | 46 x 46 | | 47826 | 24 | 4 | *200* | 230 |
| | | 80 x 100 | 991057 | | | 1 | *50* | 276 |
| | | 105 x 140 | 991058 | | | 1 | *50* | 277 |




Directly on suitable surfaces.

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ribbons..... page 11

# 100% MADE BY CEMBRE








CEMBRE

# ROLLY3000

*Thermal transfer printer for roll media*




## SPEED

prints 1.000 4x10 cable tags
in less than two minutes
1.000 heat shrinkable tubing M2-32-25-YE1
in less then three minutes

## CONVENIENCE

software provides quick and easy upload
of the data to be printed

## ECONOMY

prints around 140.000 4x10 cable tags with a single ribbon 842112 prints around 55.000 heat shrinkable tubes M2-32-25-YE1 with a single ribbon 842121

## QUALITY

printer resolution 300 dpi



Robust and quiet, ROLLY3000 provides reliable, intensive operation in office or factory combined with the facility to optimise printer set-up according to the media.

In addition to the standard USB and Ethernet interfaces, the ROLLY3000 can be connected via a wireless network. The printer is equipped with a mini USB stick that acts as a Wi-Fi antenna.

The printer is delivered complete with power & connection cables, GENIUSPRO software including a universal driver for Windows 7,8 & 10, 2.4 GHz 802.11b/g/n USB-WLAN stick and a black 842112 printer ribbon.

ROLLY3000 is ideal for printing all Cembre flat material on rolls, eg. cable tags for holders, tie on, wraparound cable markers, legend strips and labels.

ROLLY3000 is designed for optimum single side printing of TERMO-ROLL heat shrinkable tubing and particularly suitable for intensive use of this material in ladder format on a roll.

Maximum print area: 105 mm wide, up to 2 m long.

**Printer Dimensions:**

- *Length 460 mm*
- *Width 252 mm*
- *Height 288 mm*
- *Weight 10 kg*



Printer Type **ROLLY3000** includes:

Mains cable
USB cable
WLAN USB stick **5978912.001**
Cover
Black printer ribbon **842112**
Operating&Maintenance and User documentation Guarantee
Software **FD-GENIUSPRO** on pen drive

## ROLLY3000 PRINTABLE MATERIAL

TPM-ROLL cable tags with holders ..... page 62
KM-ROLL wraparound cable markers ..... page 63
ETF-ROLL cable tags ..... page 65
VCT-ROLL lables ..... page 67
TAR-ROLL cable tags ..... page 68
TAP-ROLL ..... page 68
STRIP-ROLL modular strips ..... page 69
TTL labels ..... page 73
TTF continuous material ..... page 76
TERMO-ROLL heat-shrinkable tubing ..... page 78

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# ROLLY2000TR2

## *Thermal transfer printer for roll media*

*double head, for heat shrinkable tubing*

Robust and quiet, ROLLY2000TR2 provides reliable, intensive operation in office or factory combined with the facility to optimise printer set-up according to the media.

ROLLY2000TR2 is delivered complete with power & connection cables and GENIUSPRO software including a universal driver for Windows® (7, 8 & 10) to ensure program compatibility.

ROLLY2000TR2 is designed to optimise printing simultaneously on both sides of TERMO-ROLL heat shrinkable tubing in ladder format on a roll.

**Dedicated to high level applications where dual marking is an essential specification, eg in many rail, marine and aeronautic applications.**





**SPEED**

1.000 heat shrinkable tubing M2-32-25-YE1 in less than three minutes

**CONVENIENCE**

software provides quick and easy upload of the data to be printed

**ECONOMY**

prints around 55.000 heat shrinkable tubes M2-32-25-YE1 with two ribbon 842121

**QUALITY**

printer resolution 300 dpi

**Printer Dimensions:**

- *Length 554 mm*
- *Width 248 mm*
- *Height 395 mm*
- *Weight 21 kg*



Printer Type **ROLLY2000TR2** includes:

Mains cable
USB cable
Cover
2 Black printer ribbons **842121**
Operating&Maintenance and User documentation Guarantee
Software **FD-GENIUSPRO** on pen drive

**ROLLY2000TR2 PRINTABLE MATERIAL**

TERMO-ROLL heat-shrinkable tubing ..... page 78
TERMO-ROLL double head heat shrinkable tubing... page 79

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# ACCESSORIES




## Cutters and accessories

*for thermal transfer printer on roll media*

**ROLLY3000-CUT**

Fits to front of printer. Automatically cuts to length continuous TTL and flexible TTF material.



**ROLLY3000TR-CUT**

Fits to front of printer. Automatically cuts or perforates to length TERMO-ROLL continuous heat shrinkable tubing.



While stocks last

**ROLLY2000-CUT**

Fits to front of printer. Automatically cuts to length continuous TTL and flexible TTF material.



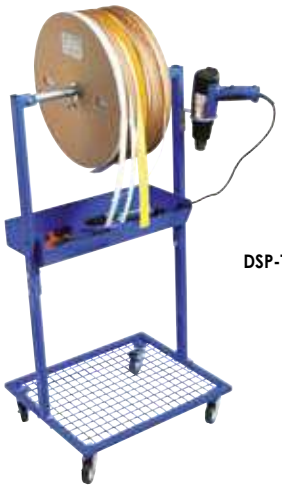
**ROLLY2000TR-CUT**

Fits to front of printer. Automatically cuts or perforates to length TERMO-ROLL continuous heat shrinkable tubing.

Heat gun **EHG2000** variable temperature, power 2000W, for heat shrinkable tubing TERMO-ROLL

- *Weight: 850 g (1.9 lbs)*
- *Temperature: +50°C to +600°C*
- *Voltage: 230-240 V - 50 Hz*





**DSP-TCS**

Dispenser **DSP-TCS**

Mobile dispensing and preparation frame for convenient use of bulk material.

Desk-dispenser **DSPB-TCS** Mobile dispensing and preparation stand for convenient use of bulk material.





**DSPB-TCS**

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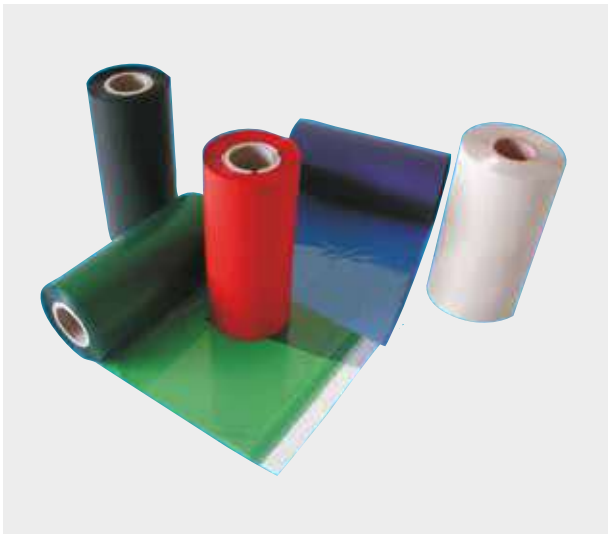
# RIBBONS

## *Monochrome ribbons*

*for thermal transfer printer on roll*

ROLLY premium quality ribbons provide resin based indelible print in accordance with the scratch and abrasion resistance requirements of CEI 16-7.

TPPS-060 PREMIUM for printing Halogen Free material.





| Family | Type | | | | | | Print area mm | Width mm | Length m | for printers | | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | black | blue | red | green | grey | white | | | | ROLLY3000 | ROLLY2000TR2 | |
| TPS-060 | 842112 | 842113 | 842115 | 842114 | 842116 | | 105 | 112 | 200 | √ | | *1* |
| | 842132 | | | | | | | 30 | 200 | √ | | *1* |
| | 842162 | | | | | | | 60 | 200 | √ | | *1* |
| TPPS-060 PREMIUM | 842212 | | | | | 842222 | 105 | 110 | 300 | √ | | *1* |

TR Ribbons provide resin based indelible print in accordance with the scratch and abrasion resistance requirements of CEI 16-7.

Specifically formulated for printing heat shrinkable tubing



| Family | Type black | Print area mm | Width mm | Length m | for printers | | Quantity |
|---|---|---|---|---|---|---|---|
| | | | | | ROLLY3000 | ROLLY2000TR2 | |
| TRR-055 | 842121 | 60 | 60 | 350 | √ | √ | *1* |
| TRPR-060 PREMIUM | 844121 | 60 | 60 | 350 | √ | √ | *1* |




The legibility of print produced on Cembre media by ribbons meets the requirements of:

**UNI EN ISO 4892-2**: UV resistance

**CEI 16-7**: Resistance to abrasion and friction

**CEI 16-7**: Effect of ageing

**CEI 23-11 / CEI EN 61058-1**: Indelibility

**CEI EN 61010-1 / VDE 0411-1**: Indelibility

**CEMBRE INTERNAL TEST:** Indelibility

**UNI EN ISO 9227**: Saline mist

**CEI EN 60464-2**: Resistance to solvent vapour

**DIN 30643**: Resistance to abrasion and rubbing

**UNI EN ISO 175**: Effect of immersion in liquid chemicals

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CEMBRE

# TPM-ROLL

## *Cable tags with holders*

*precut 4mm push in markers, on a roll*

TPM-ROLL tags are used for marking cables, conduit, tubes, conductors and components.

Presented in stem format, tags are simply snapped off their stems and inserted into the appropriate holders.




**Material:** Rigid PVC, self extinguishing class V0: UL94

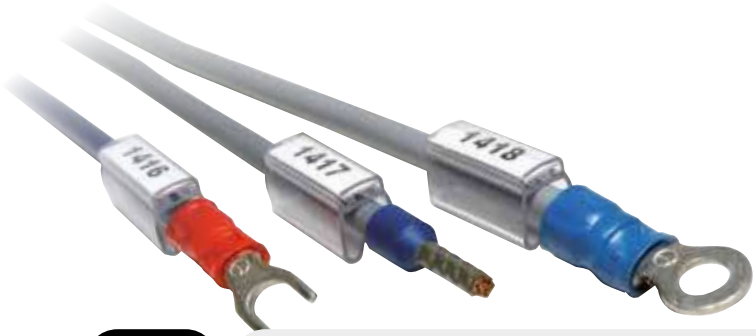
**Operating temperature range:** -30°C to +60°C

PVC - 30°C + 60°C

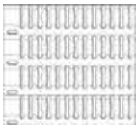
RoHS COMPLIANT 2011/65/EU

| Size mm | Type | | Quantity | SW code |
|---|---|---|---|---|
| | white | yellow | | |
| 4 x 10 | **44090B** | **44040B** | *16.356* | 4020 |
| 4 x 12 | **44091B** | **44041B** | *12.552* | 4022 |
| 4 x 15 | **44092B** | **44042B** | *12.552* | 4023 |
| 4 x 20 | **44093B** | **44043B** | *10.200* | 4005 |
| 4 x 30 | **44096B** | **44046B** | *6.270* | 4026 |
| 4 x 40 | **44097B** | **44047B** | *5.005* | 4007 |






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tag holders PMF ..... page 118
tag holders PMF-AC ..... page 126
tag holders PMF-ET ..... page 127



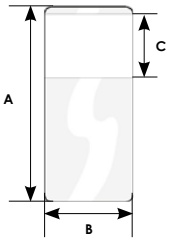
# KM-ROLL

## *Wraparound cable markers*

*Self adhesive, precut*

KM-ROLL-PO wraparound cable markers are suitable for identify Large diameter cables, tubes and conduit.

he increased thickness of the label improve the handling and flexibility of the material, facilitating its application on the cable.







**Material:** Polyolefin PO99006TR, Silicon free, Halogen free, certified UL 969.

**Operating temperature range:** -70°C to +140°C

**Application temperature range:** +10°C to +40°C

PO HF SF -70°C +140°C

| Family | Overall length A mm | Wrapping diameter mm | Print area CxB mm | Type | | Columns | Rows | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| | | | | white PO99006TR | yellow PO99006TR | | | | |
| KM-ROLL019 | 19 | 2 ÷ 3 | 9 x 13 | 61962-013N | 61462-013N | 5 | 1.400 | 7.000 | 4612 |
| KM-ROLL025 | 25 | 2,6 ÷ 4,1 | 9 x 15 | 61955-015N | 61455-015N | 5 | 1.700 | 8.500 | 4600 |
| | | | 9 x 23 | 61955-023N | 61455-023N | 4 | 1.700 | 6.800 | 4601 |
| KM-ROLL038 | 38 | 4,3 ÷ 7 | 10 x 15 | 61950-015N | 61450-015N | 5 | 1.200 | 6.000 | 4602 |
| | | | 10 x 23 | 61950-023N | 61450-023N | 4 | 1.200 | 4.800 | 4603 |
| KM-ROLL050 | 50 | 6 ÷ 10 | 15 x 15 | 61951-015N | 61451-015N | 5 | 900 | 4.500 | 4604 |
| | | | 15 x 23 | 61951-023N | 61451-023N | 4 | 900 | 3.600 | 4605 |
| KM-ROLL062 | 62 | 6,5 ÷ 12 | 18 x 12 | 61958-012N | | 6 | 834 | 5.000 | 4652 |
| | | 12 ÷ 13 | 32 x 38 | 61958-038N | | 2 | 750 | 1.500 | 4614 |
| KM-ROLL067 | 67 | 6,5 ÷ 14,5 | 20 x 72 | 61966-072N | 61466-072N | 1 | 700 | 700 | 4613 |
| KM-ROLL068 | 68 | 7 ÷ 13 | 22 x 40 | 61959-040N | | 2 | 750 | 1.500 | 4654 |
| KM-ROLL075 | 75 | 8 ÷ 14 | 25 x 15 | 61952-015N | 61452-015N | 5 | 600 | 3.000 | 4606 |
| | | | 25 x 23 | 61952-023N | 61452-023N | 4 | 600 | 2.400 | 4607 |
| KM-ROLL080 | 80 | 10 ÷ 17 | 25 x 47 | 61964-047N | 61464-047N | 2 | 625 | 1.250 | 4660 |
| KM-ROLL092 | 92 | 11 ÷ 19 | 20 x 80 | 61965-080N | 61465-080N | 1 | 500 | 500 | 4661 |
| KM-ROLL100 | 100 | 12 ÷ 20 | 25 x 15 | 61953-015N | 61453-015N | 5 | 480 | 2.400 | 4608 |
| | | | 25 x 23 | 61953-023N | 61453-023N | 4 | 480 | 1.920 | 4609 |
| | | | 25 x 50 | 61953-050N | 61453-050N | 2 | 500 | 1.000 | 4616 |
| | | 13 ÷ 21 | 32 x 38 | 61953-038N | 61453-038N | 2 | 500 | 1.000 | 4615 |
| KM-ROLL135 | 135 | 20 ÷ 25 | 25 x 15 | 61954-015N | 61454-015N | 5 | 350 | 1.750 | 4610 |
| | | | 25 x 23 | 61954-023N | 61454-023N | 4 | 350 | 1.400 | 4611 |




Directly on cables, etc in accordance with wrapping diameter limitations shown for each size.

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CEMBRE

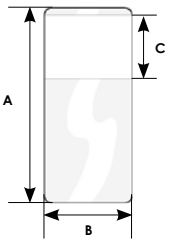
# KM-ROLL

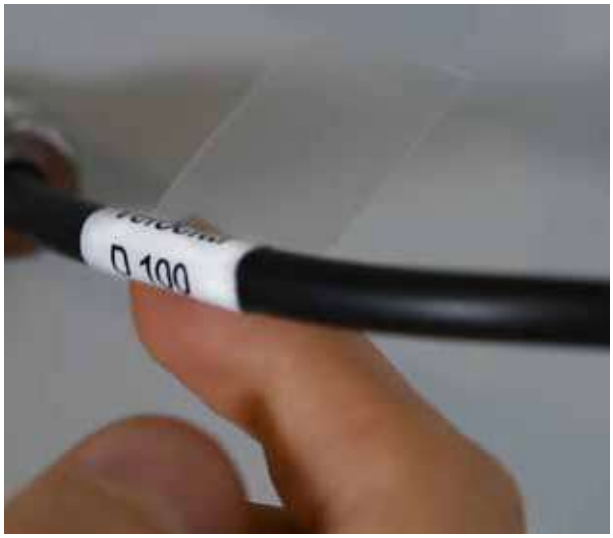
## *Wraparound cable markers*

*self adhesive, precut, Halogen Free*

KM-ROLL wraparound cable markers are suitable for identifying large diameter cables, tubes and conduit.

Printing on ROLLY3000, is exceptionally clear and legible and is protected from chemical and atmospheric agents.



**Material:** Polyester film

**Operating temperature range:** -40°C to +130°C

**Application temperature range:** +10°C to +40°C

PET HF -40°C +130°C RoHS COMPLIANT 2011/65/EU

| Family | Overall length A mm | Wrapping diameter mm | Print area CxB mm | Type | | | | | | Columns | Rows | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | white | yellow | red | orange | blue | green | | | | |
| KM-ROLL019 | 19 | 2 ÷ 3 | 9 x 13 | 58962-013N | 58462-013N | | | | | 5 | 1.400 | 7.000 | 4612 |
| KM-ROLL025 | 25 | 2,6 ÷ 4,1 | 9 x 15 | 58955-015N | 58455-015N | | | | | 5 | 1.700 | 8.500 | 4600 |
| | | | 9 x 23 | 58955-023N | 58455-023N | | | | | 4 | 1.700 | 6.800 | 4601 |
| KM-ROLL038 | 38 | 4,3 ÷ 7 | 10 x 15 | 58950-015N | 58450-015N | | | | | 5 | 1.200 | 6.000 | 4602 |
| | | | 10 x 23 | 58950-023N | 58450-023N | 58250-023N | | 58650-023N | | 4 | 1.200 | 4.800 | 4603 |
| KM-ROLL050 | 50 | 6 ÷ 10 | 15 x 15 | 58951-015N | 58451-015N | | | | | 5 | 900 | 4.500 | 4604 |
| | | | 15 x 23 | 58951-023N | 58451-023N | 58251-023N | 58351-023N | | 58551-023N | 4 | 900 | 3.600 | 4605 |
| KM-ROLL062 | 62 | 6,5 ÷ 12 | 18 x 12 | 58958-012N | | | | | | 6 | 834 | 5.000 | 4652 |
| KM-ROLL068 | 68 | 7 ÷ 13 | 22 x 40 | 58959-040N | | | | | | 2 | 750 | 1.500 | 4654 |
| KM-ROLL075 | 75 | 8 ÷ 14 | 25 x 15 | 58952-015N | 58452-015N | | | | | 5 | 600 | 3.000 | 4606 |
| | | | 25 x 23 | 58952-023N | 58452-023N | | | | | 4 | 600 | 2.400 | 4607 |
| KM-ROLL080 | 80 | 10 ÷ 17 | 25 x 47 | 58964-047N | | | | | | 2 | 625 | 1.250 | 4660 |
| KM-ROLL083 | 83 | 12 ÷ 18 | 25 x 35 | 58960-035N | | | | | | 2 | 600 | 1.200 | 4654 |
| KM-ROLL092 | 92 | 11 ÷ 19 | 20 x 80 | 58965-080N | 58465-080N | | | | | 1 | 500 | 500 | 4661 |
| KM-ROLL100 | 100 | 12 ÷ 20 | 25 x 15 | 58953-015N | 58453-015N | | | | | 5 | 480 | 2.400 | 4608 |
| | | | 25 x 23 | 58953-023N | 58453-023N | | | | | 4 | 480 | 1.920 | 4609 |
| | | | 25 x 50 | 58953-050N | | | | | | 2 | 500 | 1.000 | 4616 |
| KM-ROLL135 | 135 | 20 ÷ 25 | 25 x 15 | 58954-015N | 58454-015N | | | | | 5 | 350 | 1.750 | 4610 |
| | | | 25 x 23 | 58954-023N | 58454-023N | | | | | 4 | 350 | 1.400 | 4611 |
| KM-ROLL138 | 138 | 15 ÷ 30 | 25 x 38 | 58961-038N | | | | | | 2 | 400 | 800 | 4655 |






Directly on cables, etc in accordance with wrapping diameter limitations shown for each size.

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# ETF-ROLL

## *Cable & conduit tags tie-on*

*precut, one piece markers*

ETF-ROLL tags are used with cable ties for marking large diameter cables, hoses, tubes and conduit.




### ETF-ROLL-SBS

**Material:** SBS Styrene-Butadiene-Styrene, Halogen free

**Operating temperature range:** -30°C to +70°C

SBS HF SF - 30°C + 70°C RoHS COMPLIANT 2011/65/EU

| Size mm | Ø min cable mm | Type | | | | | | | | | Print area mm | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white | yellow | grey | red | orange | green | blue | pink | black | | | |
| 13 x 57 | 4 | 44192-SBS | 44142-SBS | 44182-SBS | 44122-SBS | 44132-SBS | 44152-SBS | 44162-SBS | 44172-SBS | 44112-SBS | 11 x 35 | *1.775* | 4400 |
| 20 x 65 | 6 | 44495-SBS | 44445-SBS | | 44425-SBS | 44435-SBS | 44455-SBS | 44465-SBS | | | 18 x 38 | *1.000* | 4402 |
| 20 x 125 | 6 | 44494-SBS | | | | | | | | | 18 x 98 | *500* | 4403 |
| 25 x 100 | 10 | 44193-SBS | 44143-SBS | 44183-SBS | 44123-SBS | | 44153-SBS | 44163-SBS | | 44113-SBS | 23 x 75 | *400* | 4401 |

### ETF-ROLL-HF

**Material:** Polycarbonate PC, Halogen Free, self extinguishing class V0: UL94; the colours white PC10040WH and yellow PC10040YE are EN 45545-2 approved

**Operating temperature range:** -40°C to +130°C

PC HF SF - 40°C + 130°C EN 45545-2 RoHS COMPLIANT 2011/65/EU

| Size mm | Ø min cable mm | Type | | | | | | Print area mm | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| | | white PC10040WH | yellow PC10040YE | red | blue | green | orange | | | |
| 13 x 57 | 4 | 44192-HF | 44142-HF | 44122-HF | 44162-HF | 44152-HF | 44132-HF | 11 x 35 | *1.775* | 4400 |

### ETF-ROLL-TPU

**Material:** Thermoplastic-Polyether-Polyurethane TPU, Halogen Free, Flame Retardent, self extinguishing class V0: UL94




**Operating temperature range:** -25°C to +80°C

TPU HF - 25°C + 80°C RoHS COMPLIANT 2011/65/EU

| Size mm | Ø min cable mm | Type | | | | | | | Print area mm | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | white | yellow | red | light blue | green | orange | black | | | |
| 10 x 60 | 4 | 44390 | 44340 | 44320 | 44360L | 44350 | 44330 | 44310 | 8 x 40 | *1.000* | 4450 |

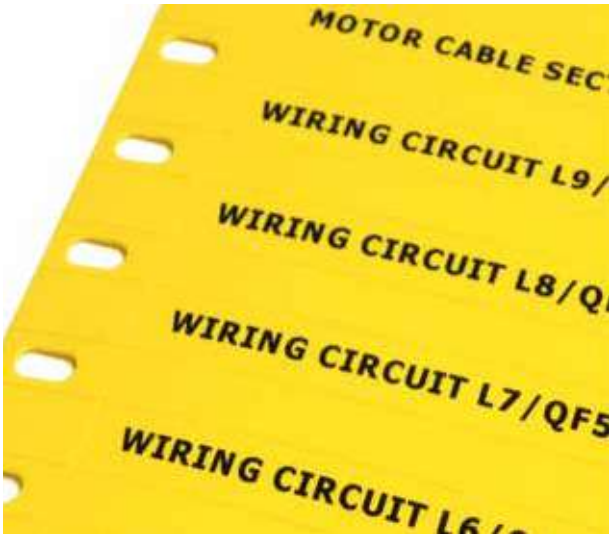
Directly on cables using appropriate cable ties.

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cable ties max width 4,8 mm ..... page 135



CEMBRE

# TAR-ROLL




## Legends

*precut*

TAR-ROLL tags are used for marking cables, conduit, tubes, conductors and components.

**Material:** Rigid PVC, self extinguishing class V0: UL94

**Operating temperature range:** -30°C to +60°C

PVC SF - 30°C + 60°C RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Type | | Quantity | SW code |
|---|---|---|---|---|---|
| | | white | yellow | | |
| TAR-ROLL | 9 x 15 | 75094 | 75044 | 7.500 | 4304 |
| | 9 x 20 | 75098 | | 5.800 | 4301 |
| | 9 x 35 | 75095 | 75045 | 3.000 | 4303 |
| | 9 x 70 | 75099 | 75049 | 1.450 | 4300 |

**Material:** Polycarbonate PC, Halogen Free, self extinguishing class V0: UL94; the colours white PC10040WH and yellow PC10040YE are EN 45545-2 approved

**Operating temperature range:** -40°C to +130°C

PC HF - 40°C + 130°C EN 45545-2 RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Tipe | | | | | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| | | white PC10040WH | yellow PC10040YE | blue | Siemens green | orange | | |
| TAR-ROLL-HF | 15 x 40 | 75096-HF | 75046-HF | 75066-HF | 75056SGN-HF | 75036-HF | 2.250 | 4302 |



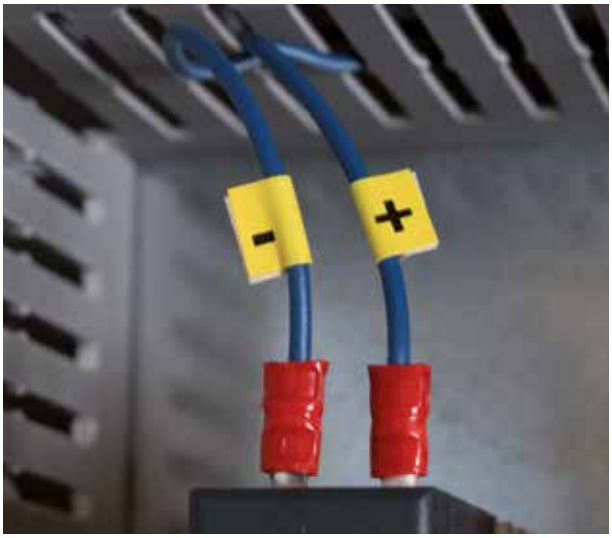

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tag holders PMT-AC ..... page 131
tag holders PMF-ET ..... page 127
tag holders PMT-DT ..... page 132
cable ties ..... page 135
rails RT-TAPW ..... page 145

# VCT-ROLL

## *Self adhesive labels*

*precut*

Dielectric labels on a roll, with permanent adhesive backing and increased resistance to ageing.




**Material:** PVC Coated fabric

**Operating temperature range:** -40°C to +150°C

**Application temperature range:** +10°C to +40°C

| Size mm | Type | | Quantity | SW code |
|---|---|---|---|---|
| | white | yellow | | |
| 6 x 15 | | **48048** | *10.000* | 4100 |
| 9 x 20 | **48094** | **48044** | *8.000* | 4502 |
| 15 x 50 | | **48142** | *5.000* | 4503 |
| 40 x 7 | | **48043** | *6.000* | 4500 |
| 100 x 10 | | **48042** | *2.000* | 4501 |



Directly on suitable surfaces.

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CEMBRE

# TAP-ROLL




## *Legend*

*prefustellate*

MG-TAP legends are particularly versatile for identifying cables, conduit, push buttons, machinery, components, etc.

Consult us for availability of other colours.

Note: UV resistance may vary between colours

**Material:** PVC rigido, autoestinguente cl.V0 (UL 94)

Campo di temperatura: da -30°C a +60°C

PVC - 30°C + 60°C

RoHS COMPLIANT 2011/65/EU

| Family | Size mm | Type | | Quantity | SW code |
|---|---|---|---|---|---|
| | | white | yellow | | |
| TAP-ROLL | 15 x 27 | **37290** | **37240** | *3.375* | 4350 |
| | 15 x 49 | **37291** | **37241** | *1.125* | 4351 |






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nastri ..... page 11
legend holders PMF-ET ..... page 127
legend holders PMT-AC ..... page131
push button legend bases PTP with cover TAP-CCS .... page 140
legend bases PL with cover TAP-CCS ..... page 141
legend rails RT-TAP ..... page144

# STRIP-ROLL

## *Modular component legend strips*

*on roll*

Continuous STRIP-ROLL can be used for the identification of modular components.

GENIUSPRO software allows max label length 1.000 mm, with the ability to customise the pitch.



**Material:** Rigid PVC, self extinguishing class V0: UL94

**Operating temperature range:** -30°C to +60°C

PVC - 30°C + 60°C

RoHS COMPLIANT 2011/65/EU

| Family | Height mm | Length m | Tracks | Type | | Length Print area mm | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| | | | | white | yellow | | | |
| STRIP-ROLL-R | 9 | 25 | 1 | 13190 | 13140 | free | 1 | 5020 |
| | 15 | 25 | 1 | 13175 | 13176 | free | 1 | 5030 |
| | 10,5 | 25 | 1 | 13173 | | free | 1 | 5014 |
| | 15 | 25 | 4 | 13160 | 13164 | 430 | 1 | 5002 |
| | | | | | | 630 | | 5102 |
| | | | | | | 1.000 | | 5202 |
| | 21 | 25 | 3 | 13161 | 13171 | 430 | 1 | 5005 |
| | | | | | | 1.000 | | 5205 |
| | 36 | 25 | 2 | 13162 | 13172 | 430 | 1 | 5006 |
| | | | | | | 1.000 | | 5206 |
| | 40 | 25 | 2 | 13179 | 13174 | free | 1 | 5407 |
| | 80 | 25 | 1 | 13290 | 13240 | free | 1 | 5408 |

**Material:** Polycarbonate PC, Halogen Free, self extinguishing class V0 according to UL94

**Operating temperature range:** -40°C to +130°C

PC HF - 40°C + 130°C

RoHS COMPLIANT 2011/65/EU

| Family | Height mm | Length m | Tracks | Type metallic grey | Quantity | SW code |
|---|---|---|---|---|---|---|
| STRIP-ROLL-R-HF | 9 | 25 | 1 | 13180-HF | 1 | 5020 |
| | 15 | 25 | 1 | 13185-HF | 1 | 5030 |

Directly on suitable surfaces.

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CEMBRE

# STRIP-ROLL

## *Self adhesive modular component legend strips*




*on roll*

Continuous STRIP-ROLL-A can be used for the identification of modular components.

GENIUSPRO software allows max label length 1.000 mm, with the ability to customise the pitch.

**Material:** Polyester film with thickened acrylic adhesive.

**Operating temperature range:** -40°C to +90°C

PET | - 40°C | + 90°C | RoHS COMPLIANT 2011/65/EU

| Family | Self adhesive | Height mm | Length mm | Tracks | Type | | | Length Print area mm | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | white | yellow | metallic grey | | | |
| STRIP-ROLL-A | ✓ | 15 | 20 | 1 | **13390** | **13340** | **13380** | free | *1* | 5015 |
| | ✓ | 20 | 20 | 1 | **13391** | **13341** | **13381** | free | *1* | 5020 |

Directly on suitable surfaces.

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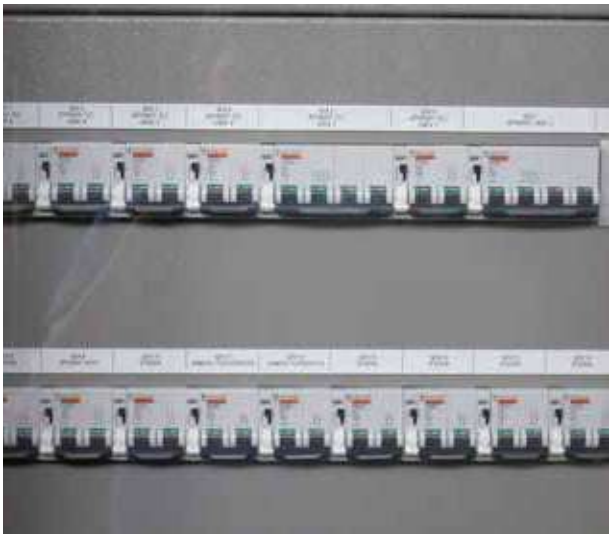
# STRIP-ROLL

## *Self adhesive modular component legend strips*

*on roll*

Continuous STRIP-ROLL-A can be used for the identification of modular components.

GENIUSPRO software allows max label length 1.000 mm, with the ability to customise the pitch.



**Material:** Polyester film, the white colour PET99005WH is UL approved.

**Operating temperature range:** -40°C to +130°C

**Application temperature range:** +10°C to +40°C

PET - 40°C + 130°C

| Family | Self adhesive | Height mm | Length mm | Tracks | Type white PET99005WH | Length Print area mm | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| STRIP-ROLL-PY | ✓ | 15 | 25 | 4 | **13189** | 430 | *1* | 5002 |
| | | | | | | 630 | | 5102 |
| | | | | | | 1.000 | | 5202 |

Directly on suitable surfaces.

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CEMBRE

# GMCTTL




## *Customisable labels*

*on roll*

Print labels with full colour logos.

- *more time-efficient, cost-effective and adaptable than having plates printed by external suppliers*
- *matched aesthetic qualities of all printed labels, markers & legends*
- *provides complete inhouse control of all identification & labelling functions*

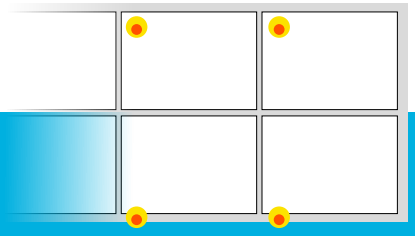
Free system lifetime support & training is just a call or click away.

To request a quote complete the form on page 196 or download the pdf version from our website.



WE PRE-PRINT...

YOUR FULL COLOUR LOGO



...YOU ADD DATA WITH OUR GENIUS PRINTERS IN SECONDS...



RESULT A HIGH QUALITY PRINTED LEGEND OR RATING PLATE!

**DOWLOAD COMPLETE AND SEND!**

# TTL

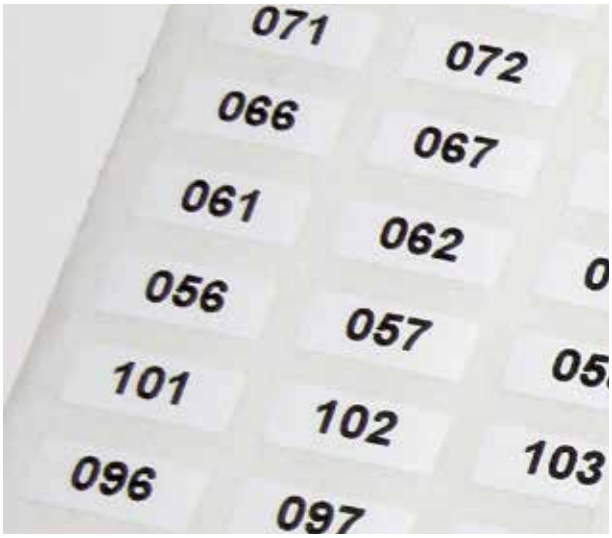
## *Thermal transfer labels*

*self adhesive, on a roll*

Thermal transfer labels are made from materials which are not temperature sensitive and whose surfaces are treated to accept the pigment from the ribbon heated by the print head.

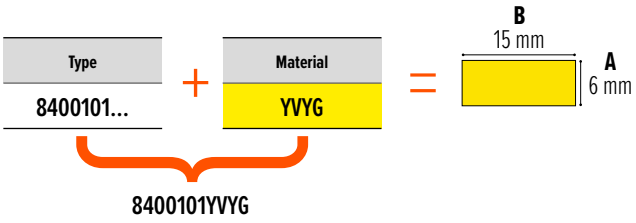
Labels are normally die cut on a roll and arranged horizontally with respect to the printer output, although some are arranged vertically.

When not in use, labels will maintain their good condition if stored in their original packaging and not subject to excessive heat or significant temperature variation. They should be removed from their packaging only at the time of use and not exposed to moisture for long periods.




| white | | yellow | metallic grey | | |
|---|---|---|---|---|---|
| **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | **Material** |
| **PVC film outdoor PVC99008WH** | **Polyester film PET99005WH** | **PVC film outdoor PVC99008YE** | **PVC film outdoor PVC99008GY** | **Polyester film PET99005GY** | |
| -30°C | -40°C | -30°C | -30°C | -40°C | **Min operating temperature** |
| +70°C | +130°C | +70°C | +70°C | +130°C | **Max operating temperature** |
| +10°C | +10°C | +10°C | +10°C | +10°C | **Min application temperature** |
| +40°C | +40°C | +40°C | +40°C | +40°C | **Max application temperature** |
| gloss | gloss | gloss | gloss | gloss | **Surface** |
| 80µ | 50µ | 80µ | 73µ | 50µ | **Thickness** |
| ★★★★ | ★ | ★★★★ | ★★★★ | ★★ | **UV resistance** |
| ✓ | ✓ | ✓ | ✓ | ✓ | **Permanent adhesive** |
| | | | | | **UL approved** |

Example coding combination according to the dimensions and the material:






CEMBRE

# TTL

## *Rectangular labels, horizontal arrangement*

**SF**

| Size AxB mm | Tracks | C mm | D mm | Type | white outdoor | white | yellow outdoor | metallic grey outdoor | metallic grey | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 x 12,7 | 5 | 80 | 150 | **8400001...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *49.500* | 4125 |
| 5 x 20 | 4 | 93 | 150 | **8400123...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *40.000* | 4126 |
| 5 x 100 | 1 | 104 | 150 | **8400135...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *10.000* | 4114 |
| 6 x 15 | 5 | 90 | 130 | **8400101...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *30.000* | 4100 |
| 6,3 x 19 | 3 | 67 | 150 | **8400005...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *25.665* | 4129 |
| 7 x 10 | 5 | 66 | 150 | **8400093...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *40.000* | 4113 |
| 7 x 15 | 4 | 73 | 150 | **8400008...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *32.000* | 4102 |
| 7 x 20 | 3 | 70 | 150 | ***8401010...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *24.000* | 4101 |
| 8 x 12 | 4 | 60 | 150 | **8400091...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *29.080* | 4109 |
| 9 x 15 | 4 | 73 | 150 | **8400092...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *26.660* | 4107 |
| 9 x 20 | 3 | 70 | 150 | **8400017...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *19.995* | 4106 |
| 9 x 38 | 2 | 83 | 150 | **8400094...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *13.330* | 4108 |
| 10 x 32 | 2 | 70 | 150 | **8400081...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *12.300* | 4146 |
| 12 x 25 | 3 | 85 | 150 | **8400023...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *16.005* | 4112 |
| 12 x 35 | 2 | 77 | 150 | **8400088...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *10.660* | 4148 |
| 12 x 40 | 2 | 87 | 150 | **8400024...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *10.660* | 4149 |
| 12,7 x 50 | 2 | 107 | 140 | **8400028...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *8.000* | 4153 |
| 15 x 20 | 4 | 93 | 150 | **8400029...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *17.760* | 4155 |
| 15 x 27 | 3 | 90 | 150 | ***8401008...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *13.320* | 4120 |
| 15 x 34 | 2 | 75 | 140 | **8400030...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *6.500* | 4156 |
| 15 x 78 | 1 | 82 | 150 | **8400031...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *4.440* | 4157 |
| 18 x 30 | 3 | 100 | 150 | **8400032...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *11.415* | 4105 |
| 18 x 47 | 2 | 100 | 150 | **8400034...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *7.610* | 4159 |
| 21 x 70 | 1 | 74 | 150 | **8400070...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *3.330* | 4162 |
| 22 x 40 | 2 | 87 | 140 | **8400038...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *4.800* | 4164 |
| 22 x 110 | 1 | 114 | 150 | **8400067...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *3.200* | 4165 |
| 25 x 45 | 2 | 97 | 150 | **8400073...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *5.710* | 4168 |
| 25 x 80 | 1 | 84 | 130 | **8400075...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.100* | 4170 |
| 25,7 x 50 | 2 | 107 | 140 | **8400041...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *4.200* | 4172 |
| 30 x 50 | 1 | 54 | 150 | **8400042...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.420* | 4175 |
| 30 x 80 | 1 | 84 | 150 | **8400072...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.420* | 4176 |
| 30 x 100 | 1 | 104 | 150 | **8400044...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.420* | 4177 |
| 34 x 60 | 1 | 64 | 170 | **8400066...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *3.200* | 4182 |
| 37 x 74 | 1 | 78 | 150 | **8400049...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.000* | 4186 |
| 40 x 50 | 1 | 54 | 150 | **8400063...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *1.860* | 4189 |
| 40 x 60 | 1 | 64 | 150 | **8400050...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *1.860* | 4110 |
| 40 x 80 | 1 | 84 | 170 | **8400051...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.800* | 4188 |
| 40 x 90 | 1 | 94 | 150 | **8400083...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *1.860* | 4121 |
| 50 x 70 | 1 | 74 | 106 | **8400128...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.000* | 4193 |
| 50 x 80 | 1 | 84 | 170 | **8400053...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.200* | 4192 |
| 52 x 105 | 1 | 110 | 170 | **8400054...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *2.100* | 4194 |
| 60 x 80 | 1 | 84 | 150 | **8400055...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *1.265* | 4195 |
| 60 x 100 | 1 | 104 | 170 | **8400056...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *1.850* | 4197 |
| 75 x 105 | 1 | 110 | 125 | **8400086...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *600* | 4199 |

## Rectangular labels, vertical arrangement

**SF**

| Size AxB mm | Tracks | C mm | D mm | Type | white outdoor | white | yellow outdoor | metallic grey outdoor | metallic grey | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 63 x 45,5 | 2 | 98 | 125 | **8400052...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *1.500* | 4250 |
| 105 x 90 | 1 | 94 | 150 | **8400097...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *700* | 4251 |
| 120 x 60 | 1 | 64 | 170 | **8400057...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *950* | 4252 |
| 120 x 70 | 1 | 74 | 150 | **8400079...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *650* | 4253 |
| 130 x 64,5 | 1 | 70 | 150 | **8400058...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *600* | 4254 |
| 140 x 98 | 1 | 102 | 170 | **8400059...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *800* | 4255 |
| 180 x 37 | 2 | 120 | 125 | **8400127...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *540* | 4258 |
| 180 x 51 | 2 | 110 | 125 | **8400095...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *540* | 4256 |
| 180 x 105 | 1 | 110 | 150 | **8400061...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *500* | 4257 |

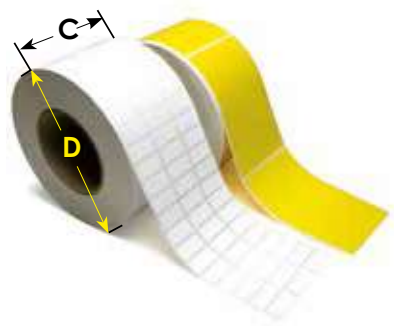
## Square labels

**SF**

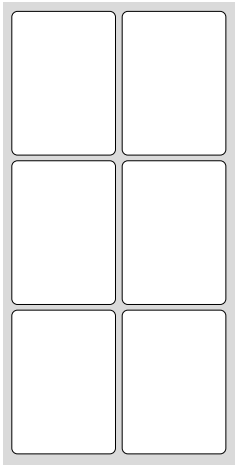
| Size AxB mm | Tracks | C mm | D mm | Type | white outdoor | white | yellow outdoor | metallic grey outdoor | metallic grey | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 x 16 | 5 | 96 | 150 | ***8402000...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *21.050* | 4200 |
| 20 x 20 | 4 | 93 | 150 | **8403000...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *13.900* | 4201 |
| 30 x 30 | 3 | 100 | 150 | **8403001...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *7.260* | 4202 |
| 40 x 40 | 2 | 87 | 150 | ***8402003...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *3.720* | 4203 |
| 70 x 70 | 1 | 74 | 170 | **8403003...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *1.600* | 4204 |
| 100 x 100 | 1 | 104 | 170 | **8403004...** | **WVYG** | **WPYG** | **YVYG** | **SVYG** | **PPYG** | *1.100* | 4205 |

**angled corners*

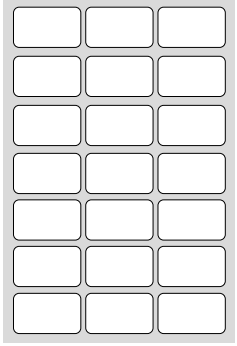
- *Spool diameter Øi 76 mm (3 in.)*
- *Max print area 105 mm*




VERTICAL ARRANGEMENT



HORIZONTAL ARRANGEMENT



printer ROLLY3000 ..... page 58
ribbons ..... page 61



# TTF



## Continuous material

*for thermal transfer printing, on a roll*

Continuous material is made from materials which are not temperature sensitive and whose surfaces are treated to accept the pigment from the ribbon heated by the print head.

When not in use, labels will maintain their good condition if stored in their original packaging and not subject to excessive heat or significant temperature variation. They should be removed from their packaging only at the time of use and not exposed to moisture for long periods.

| white | | | | yellow | | | blue | metallic grey | | transparent | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **WVYG** | **WPYG/5** | **WPYG** | **WVRG** | **YVYG** | **YVYG/5** | **YVRG** | **BVYG/5** | **SVYG** | **PPYG** | **CPYG** | **Material** |
| PVC film outdoor PVC99008WH | PVC film outdoor | Polyester film PET99005WH | Rigid PVC | PVC film outdoor PVC99008YE | PVC film outdoor | Rigid PVC | PVC film outdoor | PVC film outdoor PVC99008GY | Polyester film PET99005GY | PET film | |
| -30°C | -30°C | -40°C | -40°C | -30°C | -30°C | -40°C | -30°C | -30°C | -40°C | -40°C | **Min operating temperature** |
| +70°C | +70°C | +130°C | +60°C | +70°C | +70°C | +60°C | +70°C | +70°C | +130°C | +130°C | **Max operating temperature** |
| +10°C | +10°C | +10°C | +10°C | +10°C | +10°C | +10°C | +10°C | +10°C | +10°C | +10°C | **Min application temperature** |
| +40°C | +40°C | +40°C | +40°C | +40°C | +40°C | +40°C | +40°C | +40°C | +40°C | +40°C | **Max application temperature** |
| gloss | gloss | gloss | gloss | gloss | gloss | gloss | gloss | gloss | gloss | gloss | **Surface** |
| 80µ | 140µ | 50µ | 400µ | 73µ | 80µ | 400µ | 80µ | 73µ | 50µ | 23µ | **Thickness** |
| ★★★★ | ★★★★ | ★ | ★ | ★★★★ | ★★★★ | ★ | ★★★★ | ★★★★ | ★★ | ★★★ | **UV resistance** |
| ✓ | ✓ | ✓ | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | **Permanent adhesive** |
| | | | | | | | | | | | **UL approved** |

| Width mm | Length m | Type | white outdoor | yellow outdoor | Quantity | SW code |
|---|---|---|---|---|---|---|
| 100 | 25 | **8506002...** | **WVRG** | **YVRG** | *1* | 4290 |

Example coding combination according to the dimensions and the material:

| Type | + | Material | = |
|---|---|---|---|
| 8506002... | | YVRG | |

**8506002YVRG**

printer ROLLY3000 ..... page 58
cutter ..... page 60
ribbons ..... page 61
Aluminium mounting plates ..... page 77

# TTF

## Self adhesive continuous material

| Width mm | Length m | self-adhesive | Type | white outdoor | yellow outdoor | metallic grey outdoor | metallic grey | transparent | white | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25,4 | 125 | ✓ | 8506012... | WVYG | YVYG | SVYG | PPYG | CPYG | WPYG | 1 | 4287 |
| 35 | 125 | ✓ | 8506003... | WVYG | YVYG | SVYG | PPYG | CPYG | WPYG | 1 | 4280 |
| 40 | 125 | ✓ | 8506004... | WVYG | YVYG | SVYG | PPYG | CPYG | WPYG | 1 | 4281 |
| 50 | 125 | ✓ | 8506011... | WVYG | YVYG | SVYG | PPYG | CPYG | WPYG | 1 | 4283 |
| 58 | 125 | ✓ | 8506010... | WVYG | YVYG | SVYG | PPYG | CPYG | WPYG | 1 | 4285 |
| 80 | 125 | ✓ | 8506001... | WVYG | YVYG | SVYG | PPYG | CPYG | WPYG | 1 | 4282 |
| 105 | 125 | ✓ | 8506000... | WVYG | YVYG | SVYG | PPYG | CPYG | WPYG | 1 | 4284 |

## Self adhesive continuous material, reflective finish

| Width mm | Length m | self-adhesive | Type | white outdoor | yellow outdoor | blue outdoor | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| 35 | 24 | ✓ | 8506007... | WCYG/5 | YCYG/5 | | 1 | 4280 |
| 80 | 24 | ✓ | 8506008... | WCYG/5 | YCYG/5 | | 1 | 4282 |
| 105 | 24 | ✓ | 8506006... | WCYG/5 | YCYG/5 | BCYG/5 | 1 | 4284 |

# GMC-AL

## Aluminium mounting plates

*round corners, thickness 0,5 mm*

Cembre TTL and TTF labels stuck to Aluminium mounting plates are easily fixed to poles, columns, pylons and structures via the slot or holes provided.



When used externally the application of an additional transparent film CPYG, will improve resistance to environmental agents.

| Type | Size mm | Label colour | Fixing | Quantity | Use with |
|---|---|---|---|---|---|
| GMC2751S | 225 x 120 | white | slots | 10 | TTL8400061,G-MC-2700S+TTL8400097 |
| GMC2907S | 430 x 120 | white | slots | 10 | |
| GMC2678S | 115 x 200 | white | 2 holes+ slots | 300/100 | TTL8400061 |
| GMC2732S | 70 x 140 | | 2 holes | 50 | TTL8400057 |
| GMC3101S | 80 x 200 | white | 2 holes | 10 | |






cutters ..... page 60
ribbons ..... page 61
Aluminium mounting plates ..... page 77



CEMBRE

# TERMO-ROLL M2

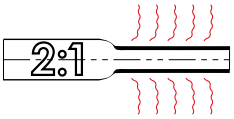
## *Heat shrinkable tubing 2:1*

*ladder & continuous, shrinkage ratio 2:1*

M2 type heat shrinkable tubing is used to provide highly legible and resistant identification of cables, pipes, conduits, etc within a minimum space.

Halogen Free composition provides flame retardancy and low smoke emission characteristics suitable for many types of application requiring more restrictive safety standards to be met.








LADDER ONE SIDE ONLY

**Material:** Irradiated Polyolefin, shrinkage ratio 2:1; UL STD 224 and CSA certified file E472117

**Operating temperature range:** -40°C to +125°C

**Minimum shrinkage temperature:** > +70°C

*Technical*

**Resistance to liquids, after the shrinkage**
MIL-STD-202H / EN 50343 - Annex H / SAE AS-5942

**Flammability** Flame retardant according to UL 224

**Meets the requirements for fire testing of materials and components for trains in EN 45545-2**

irradiated PO | HF | - 40°C | + 125°C | Rolly Code | EN 45545-2 | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length mm | Tubes per step | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 2,4 | 1,6 ÷ 2 | 0,25 ÷ 0,5 | M2-24-12.5-WH1 | | 12,5 | 4 | 4.000 | 4800 |
| 3,2 | 1,8 ÷ 2,8 | 0,5 ÷ 1 | M2-32-12.5-WH1 | M2-32-12.5-YE1 | 12,5 | 4 | 4.000 | 4810 |
| | | | M2-32-25-WH1 | M2-32-25-YE1 | 25 | 2 | 2.000 | 4812 |
| | | | M2-32-50-WH1 | M2-32-50-YE1 | 50 | 1 | 1.000 | 4814 |
| 4,8 | 2,8 ÷ 4,2 | 1 ÷ 2,5 | M2-48-12.5-WH1 | M2-48-12.5-YE1 | 12,5 | 4 | 4.000 | 4820 |
| | | | M2-48-25-WH1 | M2-48-25-YE1 | 25 | 2 | 2.000 | 4822 |
| | | | M2-48-50-WH1 | M2-48-50-YE1 | 50 | 1 | 1.000 | 4824 |
| 6,4 | 4,2 ÷ 5,8 | 4 ÷ 6 | M2-64-12.5-WH1 | M2-64-12.5-YE1 | 12,5 | 4 | 4.000 | 4830 |
| | | | M2-64-25-WH1 | M2-64-25-YE1 | 25 | 2 | 2.000 | 4832 |
| | | | M2-64-50-WH1 | M2-64-50-YE1 | 50 | 1 | 1.000 | 4834 |
| 9,5 | 5,8 ÷ 8 | 10 ÷ 16 | M2-95-12.5-WH1 | M2-95-12.5-YE1 | 12,5 | 4 | 2.000 | 4840 |
| | | | M2-95-25-WH1 | M2-95-25-YE1 | 25 | 2 | 1.000 | 4842 |
| | | | M2-95-50-WH1 | M2-95-50-YE1 | 50 | 1 | 500 | 4844 |
| 12,7 | 8 ÷ 11 | 25 ÷ 35 | M2-127-25-WH1 | M2-127-25-YE1 | 25 | 2 | 1.000 | 4852 |
| | | | M2-127-50-WH1 | M2-127-50-YE1 | 50 | 1 | 500 | 4854 |
| 19,1 | 11 ÷ 17 | 35 ÷ 50 | | M2-190-12.5-YE1 | 12,5 | 4 | 2.500 | 4860 |
| | | | M2-190-25-WH1 | M2-190-25-YE1 | 25 | 1 | 1.000 | 4862 |
| | | | M2-190-50-WH1 | M2-190-50-YE1 | 50 | 1 | 500 | 4864 |
| 25,4 | 17 ÷ 23 | 50 ÷ 120 | M2-254-25-WH1 | M2-254-25-YE1 | 25 | 2 | 600 | 4872 |
| | | | M2-254-50-WH1 | M2-254-50-YE1 | 50 | 1 | 300 | 4874 |
| 38,1 | 23 ÷ 36 | 120 ÷ 240 | | M2-381-50-YE1 | 50 | 1 | 100 | 4884 |
| 76,2 | 40 ÷ 73 | - | M2-762-50-WH1 | | 50 | 1 | 100 | 4899 |

# TERMO-ROLL M2



## LADDER ON BOTH SIDES

irradiated PO | HF | -30°C | +105°C | EN 45545-2 | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length mm | Tubes per step | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 2,4 | 1,6 ÷ 2 | 0,25 ÷ 0,5 | M2-24-25-WH2 | M2-24-25-YE2 | 25 | 2 | 2.000 | 4802 |
| | | | M2-24-50-WH2 | M2-24-50-YE2 | 50 | 1 | 1.000 | 4804 |
| 3,2 | 1,8 ÷ 2,8 | 0,5 ÷ 1 | M2-32-25-WH2 | M2-32-25-YE2 | 25 | 2 | 2.000 | 4812 |
| | | | M2-32-50-WH2 | M2-32-50-YE2 | 50 | 1 | 1.000 | 4814 |
| 4,8 | 2,8 ÷ 4,2 | 1 ÷ 2,5 | M2-48-25-WH2 | M2-48-25-YE2 | 25 | 2 | 2.000 | 4822 |
| | | | M2-48-50-WH2 | M2-48-50-YE2 | 50 | 1 | 1.000 | 4824 |
| 6,4 | 4,2 ÷ 5,8 | 4 ÷ 6 | M2-64-25-WH2 | M2-64-25-YE2 | 25 | 2 | 2.000 | 4832 |
| | | | M2-64-50-WH2 | M2-64-50-YE2 | 50 | 1 | 1.000 | 4834 |
| 9,5 | 5,8 ÷ 8 | 10 ÷ 16 | M2-95-25-WH2 | M2-95-25-YE2 | 25 | 2 | 1.000 | 4842 |
| | | | M2-95-50-WH2 | M2-95-50-YE2 | 50 | 1 | 500 | 4844 |
| 12,7 | 8 ÷ 11 | 25 ÷ 35 | M2-127-25-WH2 | M2-127-25-YE2 | 25 | 2 | 1.000 | 4852 |
| | | | M2-127-50-WH2 | M2-127-50-YE2 | 50 | 1 | 500 | 4854 |
| 19,1 | 11 ÷ 17 | 35 ÷ 50 | M2-190-25-WH2 | M2-190-25-YE2 | 25 | 2 | 1.000 | 4862 |
| | | | M2-190-50-WH2 | M2-190-50-YE2 | 50 | 1 | 500 | 4864 |
| 25,4 | 17 ÷ 23 | 50 ÷ 120 | M2-254-25-WH2 | M2-254-25-YE2 | 25 | 2 | 600 | 4872 |
| | | | M2-254-50-WH2 | M2-254-50-YE2 | 50 | 1 | 300 | 4874 |
| 38,1 | 23 ÷ 36 | 120 ÷ 240 | M2-381-25-WH2 | M2-381-25-YE2 | 25 | 2 | 200 | 4882 |
| | | | M2-381-50-WH2 | M2-381-50-YE2 | 50 | 1 | 100 | 4884 |



## CONTINUOUS ON BOTH SIDES

irradiated PO | HF | -30°C | +105°C | EN 45545-2 | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length m | Quantity | SW Code |
|---|---|---|---|---|---|---|---|
| 2,4 | 1,6 ÷ 2 | 0,25 ÷ 0,5 | M2-24-WH3 | M2-24-YE3 | 20 | 1 | 7000 |
| | | | M2-24-WH3-50* | M2-24-YE3-50* | 50 | 1 | 7000 |
| 3,2 | 1,8 ÷ 2,8 | 0,5 ÷ 1 | M2-32-WH3 | M2-32-YE3 | 20 | 1 | 7010 |
| | | | M2-32-WH3-100* | M2-32-YE3-100* | 100 | 1 | 7010 |
| 4,8 | 2,8 ÷ 4,2 | 1 ÷ 2,5 | M2-48-WH3 | M2-48-YE3 | 20 | 1 | 7020 |
| | | | M2-48-WH3-100* | M2-48-YE3-100* | 100 | 1 | 7020 |
| 6,4 | 4,2 ÷ 5,8 | 4 ÷ 6 | M2-64-WH3 | M2-64-YE3 | 20 | 1 | 7030 |
| | | | M2-64-WH3-100* | M2-64-YE3-100* | 100 | 1 | 7030 |
| 9,5 | 5,8 ÷ 8 | 10 ÷ 16 | M2-95-WH3 | M2-95-YE3 | 15 | 1 | 7040 |
| | | | M2-95-WH3-100* | M2-95-YE3-100* | 100 | 1 | 7040 |
| 12,7 | 8 ÷ 11 | 25 ÷ 35 | M2-127-WH3 | M2-127-YE3 | 15 | 1 | 7050 |
| | | | M2-127-WH3-100* | M2-127-YE3-100* | 100 | 1 | 7050 |
| 19,1 | 11 ÷ 17 | 35 ÷ 50 | M2-190-WH3 | M2-190-YE3 | 15 | 1 | 7060 |
| | | | M2-190-WH3-100* | M2-190-YE3-100* | 100 | 1 | 7060 |
| 25,4 | 17 ÷ 23 | 50 ÷ 120 | M2-254-WH3 | M2-254-YE3 | 15 | 1 | 7070 |
| | | | M2-254-WH3-100* | M2-254-YE3-100* | 100 | 1 | 7070 |
| 38,1 | 23 ÷ 36 | 120 ÷ 240 | M2-381-WH3 | M2-381-YE3 | 15 | 1 | 7080 |
| | | | M2-381-WH3-60* | M2-381-YE3-60* | 60 | 1 | 7080 |
| 50,8 | 27 ÷ 49 | 240 ÷ 400 | M2-508-WH3 | M2-508-YE3 | 15 | 1 | 7090 |
| | | | M2-508-WH3-60* | M2-508-YE3-60* | 60 | 1 | 7090 |

*Use with desk-dispenser DSPB-TCS (see page 60)*

# TERMO-ROLL M3

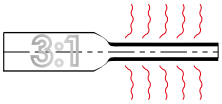
## *Heat shrinkable tubing 3:1*

*ladder & continuous, shrinkage ratio 3:1*

M3 type heat shrinkable tubing is used to provide highly legible and resistant identification of cables, pipes, conduits, etc within a minimum space.

High fire resistance and a 3:1 shrinkage ratio to cover a wide range of cable diameters enable suitability for many industrial applications.








LADDER ONE SIDE ONLY

**Material:** Irradiated Polyolefin, shrinkage ratio 3:1

**Operating temperature range:** -55°C to +135°C

**Minimum shrinkage temperature:** > +90°C

*Technical*

**Flammability, flame-retardant according to**

SAE-AMS-DTL-23053/5 class 1

UL 224 125°C 600V VW-1

irradiated PO | - 55°C | + 135°C | ROLLY | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length mm | Tubes per step | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 4,8 | 1,8 ÷ 4,2 | 0,5 ÷ 2,5 | M3-48-12.5-WH1 | M3-48-12.5-YE1 | 12,5 | 4 | *4.000* | 4820 |
| | | | M3-48-25-WH1 | M3-48-25-YE1 | 25 | 2 | *2.000* | 4822 |
| | | | M3-48-50-WH1 | M3-48-50-YE1 | 50 | 1 | *1.000* | 4824 |
| 6,4 | 2,5 ÷ 5,8 | 1 ÷ 6 | M3-64-12.5-WH1 | M3-64-12.5-YE1 | 12,5 | 4 | *4.000* | 4830 |
| | | | M3-64-25-WH1 | M3-64-25-YE1 | 25 | 2 | *2.000* | 4832 |
| | | | M3-64-50-WH1 | M3-64-50-YE1 | 50 | 1 | *1.000* | 4834 |
| 9,5 | 3,8 ÷ 8 | 4 ÷ 16 | M3-95-12.5-WH1 | M3-95-12.5-YE1 | 12,5 | 4 | *2.000* | 4840 |
| | | | M3-95-25-WH1 | M3-95-25-YE1 | 25 | 2 | *1.000* | 4842 |
| | | | M3-95-50-WH1 | M3-95-50-YE1 | 50 | 1 | *500* | 4844 |
| 12,7 | 4,85 ÷ 11 | 6 ÷ 35 | M3-127-12.5-WH1 | M3-127-12.5-YE1 | 12,5 | 4 | *2.000* | 4850 |
| | | | M3-127-25-WH1 | M3-127-25-YE1 | 25 | 2 | *1.000* | 4852 |
| | | | M3-127-50-WH1 | M3-127-50-YE1 | 50 | 1 | *500* | 4854 |
| 19 | 7 ÷ 17 | 16 ÷ 50 | M3-190-50-WH1 | M3-190-50-YE1 | 50 | 1 | *500* | 4864 |
| 25,4 | 9 ÷ 23 | 25 ÷ 120 | M3-254-50-WH1 | M3-254-50-YE1 | 50 | 1 | *300* | 4874 |
| 38,1 | 23 ÷ 36 | 120 ÷ 240 | M3-381-50-WH1 | | 50 | 1 | *100* | 4884 |

# TERMO-ROLL M3



## LADDER ON BOTH SIDES

irradiated PO | - 55°C | + 135°C | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length mm | Tubes per step | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 2,4 | 1 ÷ 2,2 | 0,25 ÷ 0,5 | M3-24-25-WH2 | M3-24-25-YE2 | 25 | 2 | 2.000 | 4802 |
| | | | M3-24-50-WH2 | M3-24-50-YE2 | 50 | 1 | 1.000 | 4804 |
| 3,2 | 1,2 ÷ 2,8 | 0,25 ÷ 1 | M3-32-25-WH2 | M3-32-25-YE2 | 25 | 2 | 2.000 | 4812 |
| | | | M3-32-50-WH2 | M3-32-50-YE2 | 50 | 1 | 1.000 | 4814 |
| 4,8 | 1,8 ÷ 4,2 | 0,5 ÷ 2,5 | M3-48-25-WH2 | M3-48-25-YE2 | 25 | 2 | 2.000 | 4822 |
| | | | M3-48-50-WH2 | M3-48-50-YE2 | 50 | 1 | 1.000 | 4824 |
| 6,4 | 2,5 ÷ 5,8 | 1 ÷ 6 | M3-64-25-WH2 | M3-64-25-YE2 | 25 | 2 | 2.000 | 4832 |
| | | | M3-64-50-WH2 | M3-64-50-YE2 | 50 | 1 | 1.000 | 4834 |
| 9,5 | 3,8 ÷ 8 | 4 ÷ 16 | M3-95-25-WH2 | M3-95-25-YE2 | 25 | 2 | 1.000 | 4842 |
| | | | M3-95-50-WH2 | M3-95-50-YE2 | 50 | 1 | 500 | 4844 |
| 12,7 | 4,85 ÷ 11 | 6 ÷ 35 | M3-127-25-WH2 | M3-127-25-YE2 | 25 | 2 | 1.000 | 4852 |
| | | | M3-127-50-WH2 | M3-127-50-YE2 | 50 | 1 | 500 | 4854 |
| 19 | 7 ÷ 17 | 16 ÷ 50 | M3-190-25-WH2 | M3-190-25-YE2 | 25 | 2 | 1.000 | 4862 |
| | | | M3-190-50-WH2 | M3-190-50-YE2 | 50 | 1 | 500 | 4864 |
| 25,4 | 9 ÷ 23 | 25 ÷ 120 | M3-254-25-WH2 | M3-254-25-YE2 | 25 | 2 | 600 | 4872 |
| | | | M3-254-50-WH2 | M3-254-50-YE2 | 50 | 1 | 300 | 4874 |



## CONTINUOUS ON BOTH SIDES

irradiated PO | - 55°C | + 135°C | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length m | Quantity | SW Code |
|---|---|---|---|---|---|---|---|
| 2,4 | 1 ÷ 2,2 | 0,25 ÷ 0,5 | M3-24-WH3 | | 20 | 1 | 7000 |
| | | | M3-24-WH3-50* | | 50 | 1 | 7000 |
| 3,2 | 1,2 ÷ 2,8 | 0,25 ÷ 1 | M3-32-WH3 | | 20 | 1 | 7010 |
| | | | M3-32-WH3-100* | | 100 | 1 | 7010 |
| 4,8 | 1,8 ÷ 4,2 | 0,5 ÷ 2,5 | M3-48-WH3 | M3-48-YE3 | 20 | 1 | 7020 |
| | | | M3-48-WH3-100* | | 100 | 1 | 7020 |
| 6,4 | 2,5 ÷ 5,8 | 1 ÷ 6 | M3-64-WH3 | M3-64-YE3 | 20 | 1 | 7030 |
| | | | M3-64-WH3-100* | | 100 | 1 | 7030 |
| 9,5 | 3,8 ÷ 8 | 4 ÷ 16 | M3-95-WH3 | M3-95-YE3 | 15 | 1 | 7040 |
| | | | M3-95-WH3-100* | | 100 | 1 | 7040 |
| 12,7 | 4,8 ÷ 11 | 6 ÷ 35 | M3-127-WH3 | M3-127-YE3 | 15 | 1 | 7050 |
| | | | M3-127-WH3-100* | | 100 | 1 | 7050 |
| 19 | 7 ÷ 17 | 16 ÷ 50 | M3-190-WH3 | M3-190-YE3 | 15 | 1 | 7060 |
| | | | M3-190-WH3-100* | | 100 | 1 | 7060 |
| 25,4 | 9 ÷ 23 | 25 ÷ 120 | M3-254-WH3 | M3-254-YE3 | 15 | 1 | 7070 |

**Use with desk-dispenser DSPB-TCS (see page 60)*

Insert the cable into the tube, shrink by applying a hot air flow.

heat gun EHG 2000 ..... page 60
support frame ..... page 60
ribbons ..... page 61





CEMBRE

# TERMO-ROLL H2

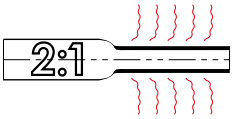
## *Heat shrinkable tubing 2:1*

*ladder & continuous, shrinkage ratio 2:1*

H2 type heat shrinkable tubing is used to provide highly legible and resistant identification of cables, pipes, conduits, etc within a minimum space.

Halogen Free composition provides flame retardancy and low smoke emission characteristics suitable for safety critical applications including closed environments such as tunnels and subways, rail installations, marine and industrial applications.








LADDER ONE SIDE ONLY

**Material:** Irradiated Polyolefin, shrinkage ratio 2:1

**Operating temperature range:** -30°C to +105°C

**Minimum shrinkage temperature:** > +90°C

*Technical*

**Resistance to liquids, after the shrinkage**

MIL-STD-202H / EN 50343 - Annex H / LUL C3349

SAE AS-5942

**Meets the requirements for fire testing of materials and components for trains in EN 45545-2 and NFPA 130.**

irradiated PO | HF | -50°C | +105°C | EN 45545-2 | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length mm | Tubes per step | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 2,4 | 1,6 ÷ 2 | 0,25 ÷ 0,5 | H2-24-12.5-WH1 | | 12,5 | 4 | 4.000 | 4800 |
| | | | H2-24-25-WH1 | H2-24-25-YE1 | 25 | 2 | 2.000 | 4802 |
| | | | H2-24-50-WH1 | | 50 | 1 | 1.000 | 4804 |
| 3,2 | 1,8 ÷ 2,8 | 0,5 ÷ 1 | H2-32-12.5-WH1 | H2-32-12.5-YE1 | 12,5 | 4 | 4.000 | 4810 |
| | | | H2-32-25-WH1 | H2-32-25-YE1 | 25 | 2 | 2.000 | 4812 |
| | | | H2-32-50-WH1 | H2-32-50-YE1 | 50 | 1 | 1.000 | 4814 |
| 4,8 | 2,8 ÷ 4,2 | 1 ÷ 2,5 | H2-48-12.5-WH1 | H2-48-12.5-YE1 | 12,5 | 4 | 4.000 | 4820 |
| | | | H2-48-25-WH1 | H2-48-25-YE1 | 25 | 2 | 2.000 | 4822 |
| | | | H2-48-50-WH1 | H2-48-50-YE1 | 50 | 1 | 1.000 | 4824 |
| 6,4 | 4,2 ÷ 5,8 | 4 ÷ 6 | H2-64-12.5-WH1 | H2-64-12.5-YE1 | 12,5 | 4 | 4.000 | 4830 |
| | | | H2-64-19-WH1 | H2-64-19-YE1 | 19 | 2 | 2.000 | 4831 |
| | | | H2-64-25-WH1 | H2-64-25-YE1 | 25 | 2 | 2.000 | 4832 |
| | | | H2-64-38-WH1 | H2-64-38-YE1 | 38 | 1 | 1.000 | 4833 |
| | | | H2-64-50-WH1 | H2-64-50-YE1 | 50 | 1 | 1.000 | 4834 |
| 9,5 | 5,8 ÷ 8 | 10 ÷ 16 | H2-95-12.5-WH1 | H2-95-12.5-YE1 | 12,5 | 4 | 2.000 | 4840 |
| | | | H2-95-25-WH1 | H2-95-25-YE1 | 25 | 2 | 1.000 | 4842 |
| | | | H2-95-50-WH1 | H2-95-50-YE1 | 50 | 1 | 500 | 4844 |
| 12,7 | 8 ÷ 11 | 25 ÷ 35 | H2-127-50-WH1 | H2-127-50-YE1 | 50 | 1 | 500 | 4854 |
| 19,1 | 11 ÷ 17 | 35 ÷ 50 | H2-190-50-WH1 | H2-190-50-YE1 | 50 | 1 | 500 | 4864 |
| 25,4 | 17 ÷ 23 | 50 ÷ 120 | H2-254-50-WH1 | H2-254-50-YE1 | 50 | 1 | 300 | 4874 |
| 38,1 | 23 ÷ 36 | 120 ÷ 240 | H2-381-50-WH1 | H2-381-50-YE1 | 50 | 1 | 100 | 4884 |
| 50,8 | 23 ÷ 48 | 240 ÷ 400 | H2-508-50-WH1 | | 50 | 1 | 100 | 4894 |

# TERMO-ROLL H2



## LADDER ON BOTH SIDES

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length mm | Tubes per step | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 2,4 | 1,6 ÷ 2 | 0,25 ÷ 0,5 | H2-24-25-WH2 | H2-24-25-YE2 | 25 | 2 | 2.000 | 4802 |
| | | | H2-24-50-WH2 | H2-24-50-YE2 | 50 | 1 | 1.000 | 4804 |
| 3,2 | 1,8 ÷ 2,8 | 0,5 ÷ 1 | H2-32-25-WH2 | H2-32-25-YE2 | 25 | 2 | 2.000 | 4812 |
| | | | H2-32-50-WH2 | H2-32-50-YE2 | 50 | 1 | 1.000 | 4814 |
| | | | H2-32-50-WH2BULK | | 50 | 1 | 5.000 | 4814 |
| 4,8 | 2,8 ÷ 4,2 | 1 ÷ 2,5 | H2-48-25-WH2 | H2-48-25-YE2 | 25 | 2 | 2.000 | 4822 |
| | | | H2-48-50-WH2 | H2-48-50-YE2 | 50 | 1 | 1.000 | 4824 |
| | | | H2-48-50-WH2BULK | | 50 | 1 | 5.000 | 4824 |
| 6,4 | 4,2 ÷ 5,8 | 4 ÷ 6 | H2-64-25-WH2 | H2-64-25-YE2 | 25 | 2 | 2.000 | 4832 |
| | | | H2-64-50-WH2 | H2-64-50-YE2 | 50 | 1 | 1.000 | 4834 |
| | | | H2-64-50-WH2BULK | | 50 | 1 | 3.000 | 4834 |
| 9,5 | 5,8 ÷ 8 | 10 ÷ 16 | H2-95-25-WH2 | H2-95-25-YE2 | 25 | 2 | 1.000 | 4842 |
| | | | H2-95-50-WH2 | H2-95-50-YE2 | 50 | 1 | 500 | 4844 |
| | | | H2-95-50-WH2BULK | | 50 | 1 | 2.000 | 4844 |
| 12,7 | 8 ÷ 11 | 25 ÷ 35 | H2-127-25-WH2 | H2-127-25-YE2 | 25 | 2 | 1.000 | 4852 |
| | | | H2-127-50-WH2 | H2-127-50-YE2 | 50 | 1 | 500 | 4854 |
| 19,1 | 11 ÷ 17 | 35 ÷ 50 | H2-190-25-WH2 | H2-190-25-YE2 | 25 | 2 | 1.000 | 4862 |
| | | | H2-190-50-WH2 | H2-190-50-YE2 | 50 | 1 | 500 | 4864 |
| 25,4 | 17 ÷ 23 | 50 ÷ 120 | H2-254-25-WH2 | H2-254-25-YE2 | 25 | 2 | 600 | 4872 |
| | | | H2-254-50-WH2 | H2-254-50-YE2 | 50 | 1 | 300 | 4874 |
| 38,1 | 23 ÷ 36 | 120 ÷ 240 | H2-381-25-WH2 | H2-381-25-YE2 | 25 | 2 | 200 | 4882 |
| | | | H2-381-50-WH2 | H2-381-50-YE2 | 50 | 1 | 100 | 4884 |
| 50,8 | 23 ÷ 48 | 240 ÷ 400 | H2-508-50-WH2 | H2-508-50-YE2 | 50 | 1 | 100 | 4894 |



## CONTINUOUS ON BOTH SIDES

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length m | Quantity | VPE |
|---|---|---|---|---|---|---|---|
| 2,4 | 1,6 ÷ 2 | 0,25 ÷ 0,5 | H2-24-WH3 | H2-24-YE3 | 20 | 1 | 7000 |
| | | | H2-24-WH3-50* | H2-24-YE3-50* | 50 | 1 | 7000 |
| 3,2 | 1,8 ÷ 2,8 | 0,5 ÷ 1 | H2-32-WH3 | H2-32-YE3 | 20 | 1 | 7010 |
| | | | H2-32-WH3-100* | H2-32-YE3-100* | 100 | 1 | 7010 |
| 4,8 | 2,8 ÷ 4,2 | 1 ÷ 2,5 | H2-48-WH3 | H2-48-YE3 | 20 | 1 | 7020 |
| | | | H2-48-WH3-100* | H2-48-YE3-100* | 100 | 1 | 7020 |
| 6,4 | 4,2 ÷ 5,8 | 4 ÷ 6 | H2-64-WH3 | H2-64-YE3 | 20 | 1 | 7030 |
| | | | H2-64-WH3-100* | H2-64-YE3-100* | 100 | 1 | 7030 |
| 9,5 | 5,8 ÷ 8 | 10 ÷ 16 | H2-95-WH3 | H2-95-YE3 | 15 | 1 | 7040 |
| | | | H2-95-WH3-100* | H2-95-YE3-100* | 100 | 1 | 7040 |
| 12,7 | 8 ÷ 11 | 25 ÷ 35 | H2-127-WH3 | H2-127-YE3 | 15 | 1 | 7050 |
| | | | H2-127-WH3-100* | H2-127-YE3-100* | 100 | 1 | 7050 |
| 19 | 11 ÷ 17 | 35 ÷ 50 | H2-190-WH3 | H2-190-YE3 | 15 | 1 | 7060 |
| | | | H2-190-WH3-100* | H2-190-YE3-100* | 100 | 1 | 7060 |
| 25,4 | 17 ÷ 23 | 50 ÷ 120 | H2-254-WH3 | H2-254-YE3 | 15 | 1 | 7070 |
| | | | H2-254-WH3-100* | H2-254-YE3-100* | 100 | 1 | 7070 |
| 38,1 | 23 ÷ 36 | 120 ÷ 240 | H2-381-WH3 | H2-381-YE3 | 15 | 1 | 7080 |
| | | | H2-381-WH3-60* | H2-381-YE3-60* | 60 | 1 | 7080 |
| 50,8 | 27 ÷ 48 | 240 ÷ 400 | H2-508-WH3 | H2-508-YE3 | 15 | 1 | 7090 |
| | | | H2-508-WH3-60* | H2-508-YE3-60* | 60 | 1 | 7090 |

*Use with desk-dispenser DSPB-TCS (see page 60)*





CEMBRE

# TERMO-ROLL H3

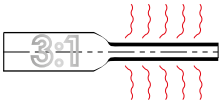
## *Heat shrinkable tubing 3:1*

*ladder & continuous, shrinkage ratio 3:1*

H3 type heat shrinkable tubing is used to provide highly legible and resistant identification of cables, pipes, conduits, etc within a minimum space.

High flexibility, fire resistance and a 3:1 shrinkage ratio to cover a wide range of cable diameters enable suitability for many industrial and technological applications.








LADDER ONE SIDE ONLY

**Material:** Irradiated Polyolefin, shrinkage ratio 3:1

**Operating temperature range:** -55°C to +135°C

**Minimum shrinkage temperature:** > +90°C

*Technical*

CSA recognised

*Flammability*

Flame retardant according to

SAE-AMS-DTL-23053/5 classe 1&3,

UL 224 125°C 600V VW-1

irradiated PO | − 55°C | + 135°C | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length mm | Tubes per step | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 4,8 | 1,8 ÷ 4,2 | 0,5 ÷ 2,5 | H3-48-12.5-WH1 | H3-48-12.5-YE1 | 12,5 | 4 | *4.000* | 4920 |
| | | | H3-48-25-WH1 | H3-48-25-YE1 | 25 | 2 | *2.000* | 4922 |
| | | | H3-48-50-WH1 | H3-48-50-YE1 | 50 | 1 | *1.000* | 4924 |
| 6 | 2,5 ÷ 5,5 | 1 ÷ 6 | H3-60-12.5-WH1 | H3-60-12.5-YE1 | 12,5 | 4 | *4.000* | 4930 |
| | | | H3-60-25-WH1 | H3-60-25-YE1 | 25 | 2 | *2.000* | 4932 |
| | | | H3-60-50-WH1 | H3-60-50-YE1 | 50 | 1 | *1.000* | 4934 |
| 9 | 4 ÷ 8 | 4 ÷ 16 | H3-90-12.5-WH1 | H3-90-12.5-YE1 | 12,5 | 4 | *2.000* | 4940 |
| | | | H3-90-25-WH1 | H3-90-25-YE1 | 25 | 2 | *1.000* | 4942 |
| | | | H3-90-50-WH1 | H3-90-50-YE1 | 50 | 1 | *500* | 4944 |
| 12 | 5 ÷ 11 | 6 ÷ 35 | H3-120-12.5-WH1 | H3-120-12.5-YE1 | 12,5 | 4 | *2.000* | 4950 |
| | | | H3-120-25-WH1 | H3-120-25-YE1 | 25 | 2 | *1.000* | 4952 |
| | | | H3-120-50-WH1 | H3-120-50-YE1 | 50 | 1 | *500* | 4954 |
| 18 | 6,5 ÷ 17 | 16 ÷ 50 | H3-180-12.5-WH1 | H3-180-12.5-YE1 | 12,5 | 4 | *2.000* | 4960 |
| | | | H3-180-25-WH1 | H3-180-25-YE1 | 25 | 2 | *1.000* | 4962 |
| | | | H3-180-50-WH1 | H3-180-50-YE1 | 50 | 1 | *500* | 4964 |
| 24 | 9 ÷ 23 | 25 ÷ 120 | H3-240-50-WH1 | H3-240-50-YE1 | 50 | 1 | *300* | 4974 |

# TERMO-ROLL H3



## LADDER ON BOTH SIDES

irradiated PO | - 55°C | + 135°C | ROLLY 2000 | ROLLY 2000 | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length mm | Tubes per step | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 3 | 1,2 ÷ 2,8 | 0,25 ÷ 1 | H3-30-25-WH2 | H3-30-25-YE2 | 25 | 2 | 2.000 | 4912 |
| | | | H3-30-50-WH2 | H3-30-50-YE2 | 50 | 1 | 1.000 | 4914 |
| 4,8 | 1,8 ÷ 4,2 | 0,5 ÷ 2,5 | H3-48-25-WH2 | H3-48-25-YE2 | 25 | 2 | 2.000 | 4922 |
| | | | H3-48-50-WH2 | H3-48-50-YE2 | 50 | 1 | 1.000 | 4924 |
| 6 | 2,5 ÷ 5,5 | 1 ÷ 6 | H3-60-25-WH2 | H3-60-25-YE2 | 25 | 2 | 2.000 | 4932 |
| | | | H3-60-50-WH2 | H3-60-50-YE2 | 50 | 1 | 1.000 | 4934 |
| 9 | 4 ÷ 8 | 4 ÷ 16 | H3-90-25-WH2 | H3-90-25-YE2 | 25 | 2 | 1.000 | 4942 |
| | | | H3-90-50-WH2 | H3-90-50-YE2 | 50 | 1 | 500 | 4944 |
| 12 | 5 ÷ 11 | 6 ÷ 35 | H3-120-25-WH2 | H3-120-25-YE2 | 25 | 2 | 1.000 | 4952 |
| | | | H3-120-50-WH2 | H3-120-50-YE2 | 50 | 1 | 500 | 4954 |
| 18 | 6,5 ÷ 17 | 16 ÷ 50 | H3-180-25-WH2 | H3-180-25-YE2 | 25 | 2 | 1.000 | 4962 |
| | | | H3-180-50-WH2 | H3-180-50-YE2 | 50 | 1 | 500 | 4964 |
| 24 | 9 ÷ 23 | 25 ÷ 120 | H3-240-25-WH2 | H3-240-25-YE2 | 25 | 1 | 600 | 4972 |
| | | | H3-240-50-WH2 | H3-240-50-YE2 | 50 | 1 | 300 | 4974 |
| 39 | 15 ÷ 37 | 50 ÷ 185 | H3-390-50-WH2 | H3-390-50-YE2 | 50 | 1 | 100 | 4984 |



## CONTINUOUS ON BOTH SIDES

irradiated PO | - 55°C | + 135°C | ROLLY 2000 | ROLLY 2000 | RoHS COMPLIANT 2011/65/EU

| Internal Ø before shrinking mm | Cable ext. Ø range mm | Cable c.s.a range mm² | Type white | Type yellow | Length m | Quantity | SW Code |
|---|---|---|---|---|---|---|---|
| 4,8 | 1,8 ÷ 4,2 | 0,5 ÷ 2,5 | H3-48-WH3 | H3-48-YE3 | 20 | 1 | 7120 |
| 6 | 2,5 ÷ 5,5 | 1 ÷ 6 | H3-60-WH3 | H3-60-YE3 | 20 | 1 | 7130 |
| 9 | 4 ÷ 8 | 4 ÷ 16 | H3-90-WH3 | H3-90-YE3 | 15 | 1 | 7140 |
| 12 | 5 ÷ 11 | 6 ÷ 35 | H3-120-WH3 | H3-120-YE3 | 15 | 1 | 7150 |
| 18 | 6,5 ÷ 17 | 16 ÷ 50 | H3-180-WH3 | H3-180-YE3 | 15 | 1 | 7160 |
| 24 | 9 ÷ 23 | 25 ÷ 120 | H3-240-WH3 | H3-240-YE3 | 15 | 1 | 7170 |
| 39 | 15 ÷ 37 | 50 ÷ 185 | | H3-390-YE3 | 15 | 1 | 7180 |
| | | | H3-390-WH3-60 | | 60 | 1 | 7180 |

Insert the cable into the tube, shrink by applying a hot air flow.

heat gun EHG 2000 ..... page 60
support frame ..... page 60
ribbons ..... page 61



CEMBRE

# SMP

## *Stainless steel tie-on tags*

*for aggressive environments*




Stainless Steel tie-on tags for the identification of cables, wiring and ducts in arduous applications such as: offshore platforms, shipbuilding, mining, underground, petrochemical, floating units for the production, storage and unloading of oil, refineries, railway infrastructure, food industry, solar field and, in general, where high resistance to aggressive environments is essential.

**Material:** AISI 316L Stainless steel

**Operating temperature range:**
up to +800°C (continuous)
up to +850°C (short periods)

Stainless Steel AISI

| Size mm | N° text lines | N° characters per lines | Max numbers of characters | Type | Metal tie max width mm | Quantity |
|---|---|---|---|---|---|---|
| 10 x 90 | 1 | 23 | 23 | **SMP01A10X90** | 4,6 | *500* |
| 20 x 90 | 3 | 23 | 69 | **SMP01A20X90** | 4,6 | *250* |





Directly on components using appropriate cable ties.

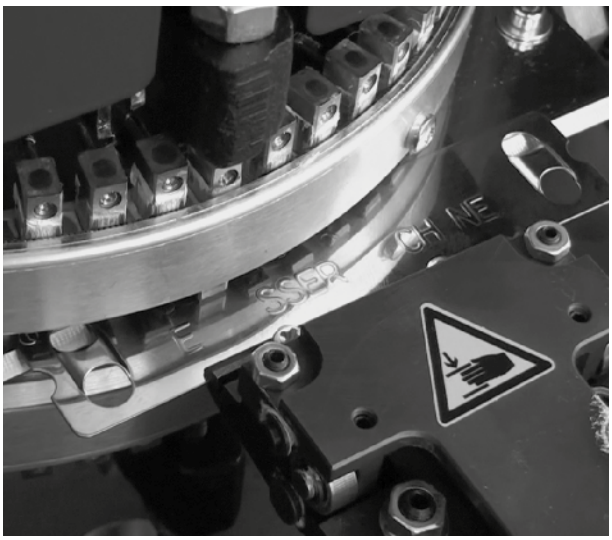
Stainless Steel INOX AISI 304 cable ties ..... page 88
insulated Stainless Steel INOX AISI 304 cable ties . page 89



# SMP

**Cembre offers a personalised embossing service for the stainless steel tie-on tags**







solar fields



offshore platforms



mining



floating units



food industry



petrochemical

EMBOSSER

# GX

## *Stainless Steel AISI 304 cable ties*



Unique ball locking mechanism that allows simple and rapid installation and secure locking.

High tensile strength.

Nonflammability.

**Material:** AISI 304 Stainless Steel

High resistance to Acetic Acid, Alkalies, Sulphuric Acid, Corrosion, etc. In general very resistant to most hostile environments.

**Operating temperature range:** -80°C to +500°C

| Width mm | Length mm | Type | Ø max. bundle mm | Min. loop tensile strength kg | Quantity |
|---|---|---|---|---|---|
| 4,5 | 200 | **GX200X4.5** | 50 | 46 | *100* |
| | 300 | **GX300X4.5** | 76 | | *100* |
| | 370 | **GX370X4.5** | 102 | | *100* |
| | 520 | **GX520X4.5** | 156 | | *100* |




## 5527030079



Installation tool for Stainless Steel cable ties.
Type 5527030079
Width up to 7,9 mm
With cutting device
Weight: 0,56 kg
Length: 180 mm



Aluminium plates GMC-AL ..... page 77
Stainless Steel tie-on tags SMP ..... page 86



# GXAC

## *Insulated Stainless Steel INOX AISI 316 cable ties*

*Polyester coated*

STAINLESS STEEL AISI 316 cable ties for the most corrosive environments, coated with Polyester for better outdoor use. Smooth surface and rounded edges to ensure cable protection and user safety.

Equipped with an original ball-type closing mechanism that allows an easy and fast installation and prevents re-opening.

High resistance to acetic and sulfuric acids, to alkaline products and resistant to corrosion in the most adverse environments.

High tensile strength. Nonflammability.



**Material:** INOX AISI 316 Stainless steel, Polyester coated

**Operating temperature range:** -40°C to +150°C

| Width mm | Length mm | Type | Ø max. bundle mm | Min. loop tensile strength kg | Quantity |
|---|---|---|---|---|---|
| 4,6 | 125 | **GXAC125X4.6** | 38,0 | 46 | *100* |
| | 150 | **GXAC150X4.6** | 46,0 | | *100* |
| | 200 | **GXAC200X4.6** | 61,9 | | *100* |
| | 260 | **GXAC260X4.6** | 81,0 | | *100* |
| | 290 | **GXAC290X4.6** | 90,6 | | *100* |
| | 360 | **GXAC360X4.6** | 112,8 | | *100* |
| | 520 | **GXAC520X4.6** | 163,8 | | *100* |
| | 680 | **GXAC680X4.6** | 214,8 | | *100* |
| | 840 | **GXAC840X4.6** | 265,7 | | *100* |

Aluminium plates GMC-AL ..... page 77
Stainless Steel tie-on tags SMP ..... page 86



# M1011KIT






## *Label Embosser*

*for industrial-strength metal embossed labels*

The industrial-strength RhinoM1011 embosses 12 mm stainless steel and aluminum labels – with or without adhesive – that resist extreme weather, temperature, chemical and UV exposure.

This tough, durable embosser features an easy-to-use label cutting handle that cuts square or rounded edges, hole and cable tie punches, a trailing-edge measuring gauge and a rugged cast-aluminum frame to withstand tough working conditions.

With a deep emboss to ensure excellent character legibility, the RhinoM1011 is every bit as tough and durable as the labels it creates.

**M1011KIT** includes:

- *M1011 Label Embosser with a horizontal Character Wheel and a reverse Image Character Wheel*
- *One non-Adhesive Aluminum Labels Roll 12 mm x 3.5 m* **32500**
- *One non-Adhesive Stainless Steel Labels Roll 12 mm x 5 m* **31000**
- *Hard Carry Case*

## *Metallic ribbons*

*for embosser RhinoM1011*

| Size mm | Self adhesive | Type | Material | Rolls | Quantity |
|---|---|---|---|---|---|
| 12 x 6,4 | | **32500** | Stainless Steel | 10 | *1* |
| 12 x 4,8 | | **31000** | Aluminium | 10 | *1* |
| 12 x 3,65 | ✓ | **35800** | Aluminium | 10 | *1* |

# RINGCABLESYS

## *Manual cable marking system*

Provides alternative manual systems for identifying cables, tubes, conduit, components and equipment.

- *PMP push in cable markers*
- *RMS and FMS push on ring cable markers & flat ring markers*
- *SM snap on cable markers*

### PUSH IN CABLE MARKERS WITH HOLDERS

PMP markers are very simple to use: the appropriate characters are collected in order on the insertion tool then pushed into the transparent holder mounted on the cable.

### PUSH ON RING CABLE MARKERS&FLAT RING MARKERS

RMS push on ring cable markers available in four range-taking sizes formarking cables with external diameters from 1,3 to 16 mm ( 0.05 to 0.62 in.)

FMS flat ring markers printed black on yellow, push onto tie on carriers for attachment to large diameter cables, etc.

### LABELS

Alphanumeric signs in PVC film.

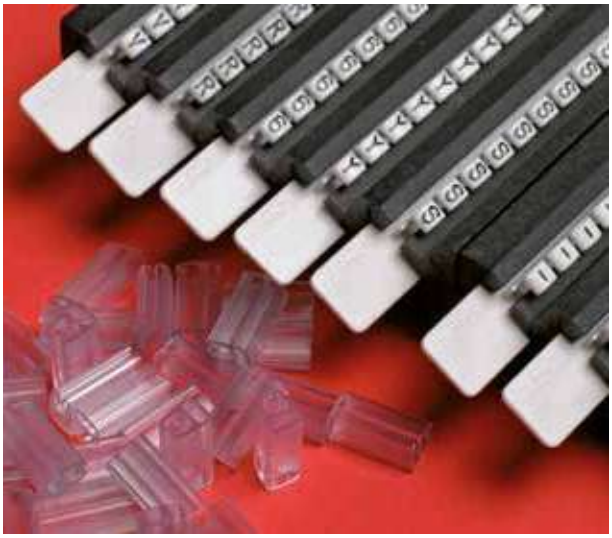
### PRE-PRINTED MARKERS

Pre-printed cable markers essential for marking the optical fiber to the completed wiring.

### SNAP ON CABLE MARKERS

Minimum overall size snap on cable markers are particularly useful for applications where there is limited space between cables. It is unquestionably the best solution for small cross section conductors and for local network cables and can be fitted even after the conductors are connected.

Indispensable for identifying already completed wiring!








# PMP-30

## *Push in cable markers*



*Polyamide, in strips*

PMP markers are very simple to use: the appropriate characters are collected in order on the insertion tool then pushed into the transparent holder mounted on the cable.

Once inserted, the characters are protected from degradation by Water, Alcohol, Acids, Alkalis and numerous Solvents.

Characters are available printed in black on white or yellow backgrounds, or colour coded according IEC Standard 757.

PM transparent marker holders can be premounted on cables for later insertion of marking characters without affecting the wiring.

PM transparent holders, in seven range-taking sizes, for identifying cables from 0,10 to 240 mm$^2$. PM-ET self adhesive transparent holders for identifying components and equipment.

PA6.6 | - 30°C | + 90°C | RoHS COMPLIANT 2011/65/EU

| Printed | Type white | Type yellow | Quantity |
|---|---|---|---|
| 0 | 23129-0 | 23124-0 | 500 |
| 1 | 23129-1 | 23124-1 | 500 |
| 2 | 23129-2 | 23124-2 | 500 |
| 3 | 23129-3 | 23124-3 | 500 |
| 4 | 23129-4 | 23124-4 | 500 |
| 5 | 23129-5 | 23124-5 | 500 |
| 6 | 23129-6 | 23124-6 | 500 |
| 7 | 23129-7 | 23124-7 | 500 |
| 8 | 23129-8 | 23124-8 | 500 |
| 9 | 23129-9 | 23124-9 | 500 |
| A | 23129-A | 23124-A | 500 |
| B | 23129-B | 23124-B | 500 |
| C | 23129-C | 23124-C | 500 |
| D | 23129-D | 23124-D | 500 |
| E | 23129-E | 23124-E | 500 |
| F | 23129-F | 23124-F | 500 |
| G | 23129-G | 23124-G | 500 |
| H | 23129-H | 23124-H | 500 |
| I | 23129-I | 23124-I | 500 |
| J | 23129-J | 23124-J | 500 |
| K | 23129-K | 23124-K | 500 |
| L | 23129-L | 23124-L | 500 |
| M | 23129-M | 23124-M | 500 |
| N | 23129-N | 23124-N | 500 |
| O | 23129-O | 23124-O | 500 |

| Printed | Type white | Type yellow | Quantity |
|---|---|---|---|
| P | 23129-P | 23124-P | 500 |
| Q | 23129-Q | 23124-Q | 500 |
| R | 23129-R | 23124-R | 500 |
| S | 23129-S | 23124-S | 500 |
| T | 23129-T | 23124-T | 500 |
| U | 23129-U | 23124-U | 500 |
| V | 23129-V | 23124-V | 500 |
| W | 23129-W | 23124-W | 500 |
| X | 23129-X | 23124-X | 500 |
| Y | 23129-Y | 23124-Y | 500 |
| Z | 23129-Z | 23124-Z | 500 |
| | 23129- | 23124- | 500 |
| + | 23129-PLS | 23124-PLS | 500 |
| - | 23129-MNS | 23124-MNS | 500 |
| = | 23129-EQL | 23124-EQL | 500 |
| ~ | 23129-AC | 23124-AC | 500 |
| . | 23129-DOT | 23124-DOT | 500 |
| , | 23129-COM | 23124-COM | 500 |
| / | 23129-STK | 23124-STK | 500 |
| : | 23129-CLN | 23124-CLN | 500 |
| Δ | 23129-DELTA | 23124-DELTA | 500 |
| ⅄ | 23129-STAR | 23124-STAR | 500 |
| Ø | 23129-DIA | 23124-DIA | 500 |
| ⏚ | 23129-GND | 23124-GND | 500 |
| | | | |

| Printed | Type | Quantity |
|---|---|---|
| 0 | 23120-0 | 500 |
| | 23123- | 500 |
| 1 | 23121-1 | 500 |
| | 23121- | 500 |
| 2 | 23122-2 | 500 |
| + | 23122-PLS | 500 |
| | 23122- | 500 |
| 3 | 23123-3 | 500 |
| | 23123- | 500 |
| 5 | 23125-5 | 500 |
| | 23125- | 500 |
| 6 | 23126-6 | 500 |
| - | 23126-MNS | 500 |
| | 23126- | 500 |
| 7 | 23127-7 | 500 |
| | 23127- | 500 |
| 8 | 23128-8 | 500 |
| | 23128- | 500 |

# PMP-30

**Material:** Polyamide 6.6, self extinguishing. Excellent stability and mechanical strength, high temperature resistance

**Operating temperature range:** -30°C to +90°C

carrier PMP-ST



ex traction tool PMP-ET



insertion tool PMP-SMT



## Tools for markers PMP-30

| Family | Description | Type | Tab length mm | Quantity |
|---|---|---|---|---|
| PMP-SMT | insertion tool | 990005 | 15 | 1 |
| | | 990006 | 20 | 1 |
| PMP-ET | extraction tool | 9900018 | 15 | 1 |

## Carriers for markers PMP-30

*Each modular carrier for PMP-30 can hold 5 strips of markers. Modules may be combined ad infinitum.*

*PMP-ST 990002 carrier set, consisting of 5 modules (for 25 strips, 500 markers) is supplied with non-slip rubber feet.*

*The marker strip is inserted vertically, with no risk of loss of markers.*

| Family | Description | Type | Strips accommodated | Quantity |
|---|---|---|---|---|
| PMP-ST | single module | 990001 | 5 | 1 |
| | carrier set | 990002 | 25 | 1 |

## STARTkit PMP-30

*for holders PM*

The kits contain:

- *PMP-30 characters, black on white (numbers, letter and symbols)*
- *PM transparent holders*
- *1x PMP-ST carrier set for 25 strips*
- *1x insertion tool PMP-SMT length 15 mm*

| Family | Type | Quantity |
|---|---|---|
| STARTKIT | 990050 | 1 |
| | 990051L | 1 |

| Product Family | Product Type | Type 990050 Quantity | Type 990051L Quantity |
|---|---|---|---|
| PMP-30 | 23129-0 | 500 | 100 |
| | 23129-1 | 500 | 100 |
| | 23129-2 | 500 | 100 |
| | 23129-3 | 500 | 100 |
| | 23129-4 | 500 | 100 |
| | 23129-5 | 500 | 100 |
| | 23129-6 | 500 | 100 |
| | 23129-7 | 500 | 100 |
| | 23129-8 | 500 | 100 |
| | 23129-9 | 500 | 100 |
| | 23129-R | 500 | 100 |
| | 23129-S | 500 | 100 |
| | 23129-T | 500 | 100 |
| | 23129-U | 500 | 100 |
| | 23129-V | 500 | 100 |
| | 23129-W | 500 | 100 |
| | 23129-X | 500 | 100 |
| | 23129-Y | 500 | 100 |
| | 23129-Z | 500 | 100 |
| | 23129-N | 500 | 100 |
| | 23129-PLS | 500 | 100 |
| | 23129-MNS | 500 | 100 |
| | 23129-EQL | 500 | 100 |
| | 23129-AC | 500 | 100 |
| | 23129-GND | 500 | 100 |
| PM-01 | 50112 | 1.000 | 1.000 |
| PM-02 | 50212 | 1.000 | 1.000 |
| PM-03 | 50312 | 500 | 500 |
| PM-04 | 50411 | 500 | |
| PMP-ST | 990002 | 1 | 1 |
| PMP-SMT | 990005 | 1 | 1 |







tag holders PM..... page 121
tag holders light PM-L..... page 125
tag holders PM-AC..... page 128
tag holders PM-ET..... page 129
tag holders PM-DT..... page 130

# RMS-01

## *Push on ring cable markers*

*alphanumeric*

RMS push on ring cable markers available in four range-taking sizes for marking cables with external diameters from 1,3 to 16 mm. Characters are printed in black on a white or yellow background,or according to the IEC 757 colour code for numbered or unprinted versions. Made from soft PVC, self extinguishing according to V0 (UL 94), they are chevron cut for perfect alignment on the conductor. Characters are printed by a hot process, making a slight impression in the material to maintain indelible marking over time.



**Material:** Soft PVC, self extinguishing V0 according to UL94

**Operating temperature range:** -30°C to +90°C

**Cable ext. Ø range 1,3 ÷ 3 mm**

**C.s.a range 0,35 ÷ 1 mm²**

plasticised PVC | - 30°C | + 90°C | RoHS COMPLIANT 2011/65/EU

| Printed | Type white | Type yellow | Quantity bag |
|---|---|---|---|
| 0 | 59549-0 | 59544-0 | 1.000 |
| 1 | 59549-1 | 59544-1 | 1.000 |
| 2 | 59549-2 | 59544-2 | 1.000 |
| 3 | 59549-3 | 59544-3 | 1.000 |
| 4 | 59549-4 | 59544-4 | 1.000 |
| 5 | 59549-5 | 59544-5 | 1.000 |
| 6 | 59549-6 | 59544-6 | 1.000 |
| 7 | 59549-7 | 59544-7 | 1.000 |
| 8 | 59549-8 | 59544-8 | 1.000 |
| 9 | 59549-9 | 59544-9 | 1.000 |
| A | 59549-A | 59544-A | 1.000 |
| B | 59549-B | 59544-B | 1.000 |
| C | 59549-C | 59544-C | 1.000 |
| D | 59549-D | 59544-D | 1.000 |
| E | 59549-E | 59544-E | 1.000 |
| F | 59549-F | 59544-F | 1.000 |
| G | 59549-G | 59544-G | 1.000 |
| H | 59549-H | 59544-H | 1.000 |
| I | 59549-I | 59544-I | 1.000 |
| J | 59549-J | 59544-J | 1.000 |
| K | 59549-K | 59544-K | 1.000 |
| L | 59549-L | 59544-L | 1.000 |
| M | 59549-M | 59544-M | 1.000 |
| N | 59549-N | 59544-N | 1.000 |
| O | 59549-O | 59544-O | 1.000 |
| P | 59549-P | 59544-P | 1.000 |
| Q | 59549-Q | 59544-Q | 1.000 |

| Printed | Type white | Type yellow | Quantity bag |
|---|---|---|---|
| R | 59549-R | 59544-R | 1.000 |
| S | 59549-S | 59544-S | 1.000 |
| T | 59549-T | 59544-T | 1.000 |
| U | 59549-U | 59544-U | 1.000 |
| V | 59549-V | 59544-V | 1.000 |
| W | 59549-W | 59544-W | 1.000 |
| X | 59549-X | 59544-X | 1.000 |
| Y | 59549-Y | 59544-Y | 1.000 |
| Z | 59549-Z | 59544-Z | 1.000 |
| | 59549- | 59544- | 1.000 |
| + | 59549-PLS | 59544-PLS | 1.000 |
| - | 59549-MNS | 59544-MNS | 1.000 |
| = | 59549-EQL | 59544-EQL | 1.000 |
| / | 59549-STK | 59544-STK | 1.000 |
| . | 59549-DOT | 59544-DOT | 1.000 |
| , | 59549-COM | 59544-COM | 1.000 |
| : | 59549-CLN | 59544-CLN | 1.000 |
| ; | 59549-SCLN | 59544-SCLN | 1.000 |
| ⏚ | 59549-GND | 59544-GND | 1.000 |
| ⏚ | 59549-GNDP | 59544-GNDP | 1.000 |
| ~ | 59549-AC | 59544-AC | 1.000 |
| Ω | 59549-OHM | 59544-OHM | 1.000 |
| * | 59549-AST | 59544-AST | 1.000 |
| Δ | 59549-DELTA | 59544-DELTA | 1.000 |
| ⅄ | 59549-STAR | 59544-STAR | 1.000 |
| Ø | 59549-DIA | 59544-DIA | 1.000 |
| | | | |

| Printed | Type | Quantity bag |
|---|---|---|
| 0 | 59540-0 | 1.000 |
| | 59540- | 1.000 |
| 1 | 59541-1 | 1.000 |
| | 59541- | 1.000 |
| 2 | 59542-2 | 1.000 |
| + | 59542-PLS | 1.000 |
| | 59542- | 1.000 |
| 3 | 59543-3 | 1.000 |
| | 59543- | 1.000 |
| 5 | 59545-5 | 1.000 |
| | 59545- | 1.000 |
| 6 | 59546-6 | 1.000 |
| - | 59546-MNS | 1.000 |
| | 59546- | 1.000 |
| 7 | 59547-7 | 1.000 |
| | 59547- | 1.000 |
| 8 | 59548-8 | 1.000 |
| | 59548- | 1.000 |



# RMS-01

plasticised PVC | − 30°C | + 90°C

RoHS COMPLIANT 2011/65/EU

| Printed | Type white | Type yellow | Quantity reel | Printed | Type white | Type yellow | Quantity reel |
|---|---|---|---|---|---|---|---|
| 0 | 59349-0 | 59344-0 | 1.000 | R | 59349-R | 59344-R | 1.000 |
| 1 | 59349-1 | 59344-1 | 1.000 | S | 59349-S | 59344-S | 1.000 |
| 2 | 59349-2 | 59344-2 | 1.000 | T | 59349-T | 59344-T | 1.000 |
| 3 | 59349-3 | 59344-3 | 1.000 | U | 59349-U | 59344-U | 1.000 |
| 4 | 59349-4 | 59344-4 | 1.000 | V | 59349-V | 59344-V | 1.000 |
| 5 | 59349-5 | 59344-5 | 1.000 | W | 59349-W | 59344-W | 1.000 |
| 6 | 59349-6 | 59344-6 | 1.000 | X | 59349-X | 59344-X | 1.000 |
| 7 | 59349-7 | 59344-7 | 1.000 | Y | 59349-Y | 59344-Y | 1.000 |
| 8 | 59349-8 | 59344-8 | 1.000 | Z | 59349-Z | 59344-Z | 1.000 |
| 9 | 59349-9 | 59344-9 | 1.000 | | 59349- | 59344- | 1.000 |
| A | 59349-A | 59344-A | 1.000 | + | 59349-PLS | 59344-PLS | 1.000 |
| B | 59349-B | 59344-B | 1.000 | - | 59349-MNS | 59344-MNS | 1.000 |
| C | 59349-C | 59344-C | 1.000 | = | 59349-EQL | 59344-EQL | 1.000 |
| D | 59349-D | 59344-D | 1.000 | / | 59349-STK | 59344-STK | 1.000 |
| E | 59349-E | 59344-E | 1.000 | . | 59349-DOT | 59344-DOT | 1.000 |
| F | 59349-F | 59344-F | 1.000 | , | 59349-COM | 59344-COM | 1.000 |
| G | 59349-G | 59344-G | 1.000 | : | 59349-CLN | 59344-CLN | 1.000 |
| H | 59349-H | 59344-H | 1.000 | ; | 59349-SCLN | 59344-SCLN | 1.000 |
| I | 59349-I | 59344-I | 1.000 | ⏚ | 59349-GND | 59344-GND | 1.000 |
| J | 59349-J | 59344-J | 1.000 | ⏚ | 59349-GNDP | 59344-GNDP | 1.000 |
| K | 59349-K | 59344-K | 1.000 | ~ | 59349-AC | 59344-AC | 1.000 |
| L | 59349-L | 59344-L | 1.000 | Ω | 59349-OHM | 59344-OHM | 1.000 |
| M | 59349-M | 59344-M | 1.000 | * | 59349-AST | 59344-AST | 1.000 |
| N | 59349-N | 59344-N | 1.000 | Δ | 59349-DELTA | 59344-DELTA | 1.000 |
| O | 59349-O | 59344-O | 1.000 | ⅄ | 59349-STAR | 59344-STAR | 1.000 |
| P | 59349-P | 59344-P | 1.000 | Ø | 59349-DIA | 59344-DIA | 1.000 |
| Q | 59349-Q | 59344-Q | 1.000 | | | | |




## *Insertion tool for push on ring cable markers*

| Family | Type | For push on ring cable markers | Quantity |
|---|---|---|---|
| RMT-01 | 990023 | RMS-01 | 1 |
| RMT-02 | 990024 | RMS-02 | 1 |
| RMT-03 | 990025 | RMS-03 | 1 |



Directly on the cable.



# RMS-02

## *Push on ring cable markers*

*alphanumeric*

RMS push on ring cable markers available in four range-taking sizes for marking cables with external diameters from 1,3 to 16 mm. Characters are printed in black on a white or yellow background,or according to the IEC 757 colour code for numbered or unprinted versions. Made from soft PVC, self extinguishing according to V0 (UL 94), they are chevron cut for perfect alignment on the conductor. Characters are printed by a hot process, making a slight impression in the material to maintain indelible marking over time.



**Material:** Soft PVC, self extinguishing V0 according to UL94

**Operating temperature range:** -30°C to +90°C

**Cable ext. Ø range 2,5 ÷ 5 mm**

**C.s.a range 1,5 ÷ 4 mm²**

plasticised PVC | - 30°C | + 90°C | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity bag |
|---|---|---|---|
| | white | yellow | |
| 0 | 59649-0 | 59644-0 | 1.000 |
| 1 | 59649-1 | 59644-1 | 1.000 |
| 2 | 59649-2 | 59644-2 | 1.000 |
| 3 | 59649-3 | 59644-3 | 1.000 |
| 4 | 59649-4 | 59644-4 | 1.000 |
| 5 | 59649-5 | 59644-5 | 1.000 |
| 6 | 59649-6 | 59644-6 | 1.000 |
| 7 | 59649-7 | 59644-7 | 1.000 |
| 8 | 59649-8 | 59644-8 | 1.000 |
| 9 | 59649-9 | 59644-9 | 1.000 |
| A | 59649-A | 59644-A | 1.000 |
| B | 59649-B | 59644-B | 1.000 |
| C | 59649-C | 59644-C | 1.000 |
| D | 59649-D | 59644-D | 1.000 |
| E | 59649-E | 59644-E | 1.000 |
| F | 59649-F | 59644-F | 1.000 |
| G | 59649-G | 59644-G | 1.000 |
| H | 59649-H | 59644-H | 1.000 |
| I | 59649-I | 59644-I | 1.000 |
| J | 59649-J | 59644-J | 1.000 |
| K | 59649-K | 59644-K | 1.000 |
| L | 59649-L | 59644-L | 1.000 |
| M | 59649-M | 59644-M | 1.000 |
| N | 59649-N | 59644-N | 1.000 |
| O | 59649-O | 59644-O | 1.000 |
| P | 59649-P | 59644-P | 1.000 |
| Q | 59649-Q | 59644-Q | 1.000 |

| Printed | Type | | Quantity bag |
|---|---|---|---|
| | white | yellow | |
| R | 59649-R | 59644-R | 1.000 |
| S | 59649-S | 59644-S | 1.000 |
| T | 59649-T | 59644-T | 1.000 |
| U | 59649-U | 59644-U | 1.000 |
| V | 59649-V | 59644-V | 1.000 |
| W | 59649-W | 59644-W | 1.000 |
| X | 59649-X | 59644-X | 1.000 |
| Y | 59649-Y | 59644-Y | 1.000 |
| Z | 59649-Z | 59644-Z | 1.000 |
| | 59649- | 59644- | 1.000 |
| + | 59649-PLS | 59644-PLS | 1.000 |
| - | 59649-MNS | 59644-MNS | 1.000 |
| = | 59649-EQL | 59644-EQL | 1.000 |
| / | 59649-STK | 59644-STK | 1.000 |
| . | 59649-DOT | 59644-DOT | 1.000 |
| , | 59649-COM | 59644-COM | 1.000 |
| : | 59649-CLN | 59644-CLN | 1.000 |
| ; | 59649-SCLN | 59644-SCLN | 1.000 |
| ⏚ | 59649-GND | 59644-GND | 1.000 |
| ⏚ | 59649-GNDP | 59644-GNDP | 1.000 |
| ~ | 59649-AC | 59644-AC | 1.000 |
| Ω | 59649-OHM | 59644-OHM | 1.000 |
| * | 59649-AST | 59644-AST | 1.000 |
| Δ | 59649-DELTA | 59644-DELTA | 1.000 |
| ⅄ | 59649-STAR | 59644-STAR | 1.000 |
| Ø | 59649-DIA | 59644-DIA | 1.000 |
| | | | |

| Printed | Type | Quantity bag |
|---|---|---|
| 0 | 59640-0 | 1.000 |
| | 59640- | 1.000 |
| 1 | 59641-1 | 1.000 |
| | 59641- | 1.000 |
| 2 | 59642-2 | 1.000 |
| + | 59642-PLS | 1.000 |
| | 59642- | 1.000 |
| 3 | 59643-3 | 1.000 |
| | 59643- | 1.000 |
| 5 | 59645-5 | 1.000 |
| | 59645- | 1.000 |
| 6 | 59646-6 | 1.000 |
| - | 59646-MNS | 1.000 |
| | 59646- | 1.000 |
| 7 | 59647-7 | 1.000 |
| | 59647- | 1.000 |
| 8 | 59648-8 | 1.000 |
| | 59648- | 1.000 |

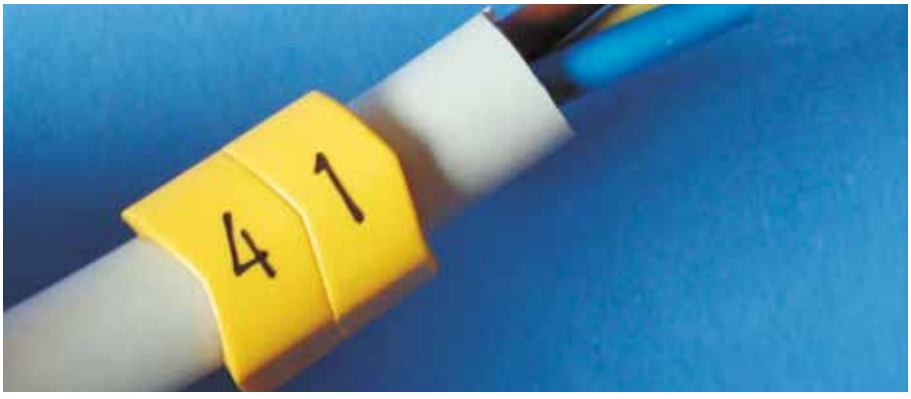


# RMS-02

plasticised PVC | − 30°C | + 90°C | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Printed | Type white | Type yellow | Quantity reel | Printed | Type white | Type yellow | Quantity reel |
|---|---|---|---|---|---|---|---|
| 0 | 59449-0 | 59444-0 | 1.000 | R | 59449-R | 59444-R | 1.000 |
| 1 | 59449-1 | 59444-1 | 1.000 | S | 59449-S | 59444-S | 1.000 |
| 2 | 59449-2 | 59444-2 | 1.000 | T | 59449-T | 59444-T | 1.000 |
| 3 | 59449-3 | 59444-3 | 1.000 | U | 59449-U | 59444-U | 1.000 |
| 4 | 59449-4 | 59444-4 | 1.000 | V | 59449-V | 59444-V | 1.000 |
| 5 | 59449-5 | 59444-5 | 1.000 | W | 59449-W | 59444-W | 1.000 |
| 6 | 59449-6 | 59444-6 | 1.000 | X | 59449-X | 59444-X | 1.000 |
| 7 | 59449-7 | 59444-7 | 1.000 | Y | 59449-Y | 59444-Y | 1.000 |
| 8 | 59449-8 | 59444-8 | 1.000 | Z | 59449-Z | 59444-Z | 1.000 |
| 9 | 59449-9 | 59444-9 | 1.000 | | 59449- | 59444- | 1.000 |
| A | 59449-A | 59444-A | 1.000 | + | 59449-PLS | 59444-PLS | 1.000 |
| B | 59449-B | 59444-B | 1.000 | - | 59449-MNS | 59444-MNS | 1.000 |
| C | 59449-C | 59444-C | 1.000 | = | 59449-EQL | 59444-EQL | 1.000 |
| D | 59449-D | 59444-D | 1.000 | / | 59449-STK | 59444-STK | 1.000 |
| E | 59449-E | 59444-E | 1.000 | . | 59449-DOT | 59444-DOT | 1.000 |
| F | 59449-F | 59444-F | 1.000 | , | 59449-COM | 59444-COM | 1.000 |
| G | 59449-G | 59444-G | 1.000 | : | 59449-CLN | 59444-CLN | 1.000 |
| H | 59449-H | 59444-H | 1.000 | ; | 59449-SCLN | 59444-SCLN | 1.000 |
| I | 59449-I | 59444-I | 1.000 | ⏚ | 59449-GND | 59444-GND | 1.000 |
| J | 59449-J | 59444-J | 1.000 | ⏚ | 59449-GNDP | 59444-GNDP | 1.000 |
| K | 59449-K | 59444-K | 1.000 | ~ | 59449-AC | 59444-AC | 1.000 |
| L | 59449-L | 59444-L | 1.000 | Ω | 59449-OHM | 59444-OHM | 1.000 |
| M | 59449-M | 59444-M | 1.000 | * | 59449-AST | 59444-AST | 1.000 |
| N | 59449-N | 59444-N | 1.000 | Δ | 59449-DELTA | 59444-DELTA | 1.000 |
| O | 59449-O | 59444-O | 1.000 | ⅄ | 59449-STAR | 59444-STAR | 1.000 |
| P | 59449-P | 59444-P | 1.000 | Ø | 59449-DIA | 59444-DIA | 1.000 |
| Q | 59449-Q | 59444-Q | 1.000 | | | | |




Directly on the cable.

tools..... page 95







CEMBRE

# RMS-03

## *Push on ring cable markers*

*alphanumeric*

RMS push on ring cable markers available in four range-taking sizes for marking cables with external diameters from 1,3 to 16 mm. Characters are printed in black on a white or yellow background,or according to the IEC 757 colour code for numbered or unprinted versions. Made from soft PVC, self extinguishing according to V0 (UL 94), they are chevron cut for perfect alignment on the conductor. Characters are printed by a hot process, making a slight impression in the material to maintain indelible marking over time.



**Material:** Soft PVC, self extinguishing V0 according to UL94

**Operating temperature range:** -30°C to +90°C

**Cable ext. Ø range 4 ÷ 10 mm**

**C.s.a range 4 ÷ 16 mm²**

plasticised PVC | - 30°C | + 90°C | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Printed | Type white | Type yellow | Quantity bag |
|---|---|---|---|
| 0 | 59749-0 | 59744-0 | 500 |
| 1 | 59749-1 | 59744-1 | 500 |
| 2 | 59749-2 | 59744-2 | 500 |
| 3 | 59749-3 | 59744-3 | 500 |
| 4 | 59749-4 | 59744-4 | 500 |
| 5 | 59749-5 | 59744-5 | 500 |
| 6 | 59749-6 | 59744-6 | 500 |
| 7 | 59749-7 | 59744-7 | 500 |
| 8 | 59749-8 | 59744-8 | 500 |
| 9 | 59749-9 | 59744-9 | 500 |
| A | 59749-A | 59744-A | 500 |
| B | 59749-B | 59744-B | 500 |
| C | 59749-C | 59744-C | 500 |
| D | 59749-D | 59744-D | 500 |
| E | 59749-E | 59744-E | 500 |
| F | 59749-F | 59744-F | 500 |
| G | 59749-G | 59744-G | 500 |
| H | 59749-H | 59744-H | 500 |
| I | 59749-I | 59744-I | 500 |
| J | 59749-J | 59744-J | 500 |
| K | 59749-K | 59744-K | 500 |
| L | 59749-L | 59744-L | 500 |
| M | 59749-M | 59744-M | 500 |
| N | 59749-N | 59744-N | 500 |
| O | 59749-O | 59744-O | 500 |
| P | 59749-P | 59744-P | 500 |
| Q | 59749-Q | 59744-Q | 500 |

| Printed | Type white | Type yellow | Quantity bag |
|---|---|---|---|
| R | 59749-R | 59744-R | 500 |
| S | 59749-S | 59744-S | 500 |
| T | 59749-T | 59744-T | 500 |
| U | 59749-U | 59744-U | 500 |
| V | 59749-V | 59744-V | 500 |
| W | 59749-W | 59744-W | 500 |
| X | 59749-X | 59744-X | 500 |
| Y | 59749-Y | 59744-Y | 500 |
| Z | 59749-Z | 59744-Z | 500 |
| | 59749- | 59744- | 500 |
| + | 59749-PLS | 59744-PLS | 500 |
| - | 59749-MNS | 59744-MNS | 500 |
| = | 59749-EQL | 59744-EQL | 500 |
| / | 59749-STK | 59744-STK | 500 |
| . | 59749-DOT | 59744-DOT | 500 |
| , | 59749-COM | 59744-COM | 500 |
| : | 59749-CLN | 59744-CLN | 500 |
| ; | 59749-SCLN | 59744-SCLN | 500 |
| ⏚ | 59749-GND | 59744-GND | 500 |
| ⏚ | 59749-GNDP | 59744-GNDP | 500 |
| ~ | 59749-AC | 59744-AC | 500 |
| Ω | 59749-OHM | 59744-OHM | 500 |
| * | 59749-AST | 59744-AST | 500 |
| Δ | 59749-DELTA | 59744-DELTA | 500 |
| ⅄ | 59749-STAR | 59744-STAR | 500 |
| Ø | 59749-DIA | 59744-DIA | 500 |
| | | | |

| Printed | Type | Quantity bag |
|---|---|---|
| 0 | 59740-0 | 500 |
| | 59740- | 500 |
| 1 | 59741-1 | 500 |
| | 59741- | 500 |
| 2 | 59742-2 | 500 |
| + | 59742-PLS | 500 |
| | 59742- | 500 |
| 3 | 59743-3 | 500 |
| | 59743- | 500 |
| 5 | 59745-5 | 500 |
| | 59745- | 500 |
| 6 | 59746-6 | 500 |
| - | 59746-MNS | 500 |
| | 59746- | 500 |
| 7 | 59747-7 | 500 |
| | 59747- | 500 |
| 8 | 59748-8 | 500 |
| | 59748- | 500 |



Directly on the cable tools..... page 95



# RMS-04

## *Push on ring cable markers*

*alphanumeric*

RMS push on ring cable markers available in four range-taking sizes for marking cables with external diameters from 1,3 to 16 mm. Characters are printed in black on a white or yellow background,or according to the IEC 757 colour code for numbered or unprinted versions. Made from soft PVC, self extinguishing according to V0 (UL 94), they are chevron cut for perfect alignment on the conductor. Characters are printed by a hot process, making a slight impression in the material to maintain indelible marking over time.



**Material:** Soft PVC, self extinguishing according to class V0: UL 94

**Operating temperature range:** -30°C to +90°C

**Cable ext. Ø range 8 ÷ 16 mm**

**C.s.a range 16 ÷ 70 mm²**

plasticised PVC | − 30°C | + 90°C | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Printed | Type white | Type yellow | Quantity bag |
|---|---|---|---|
| 0 | 59849-0 | 59844-0 | 100 |
| 1 | 59849-1 | 59844-1 | 100 |
| 2 | 59849-2 | 59844-2 | 100 |
| 3 | 59849-3 | 59844-3 | 100 |
| 4 | 59849-4 | 59844-4 | 100 |
| 5 | 59849-5 | 59844-5 | 100 |
| 6 | 59849-6 | 59844-6 | 100 |
| 7 | 59849-7 | 59844-7 | 100 |
| 8 | 59849-8 | 59844-8 | 100 |
| 9 | 59849-9 | 59844-9 | 100 |
| A | 59849-A | 59844-A | 100 |
| B | 59849-B | 59844-B | 100 |
| C | 59849-C | 59844-C | 100 |
| D | 59849-D | 59844-D | 100 |
| E | 59849-E | 59844-E | 100 |
| F | 59849-F | 59844-F | 100 |
| G | 59849-G | 59844-G | 100 |
| H | 59849-H | 59844-H | 100 |
| I | 59849-I | 59844-I | 100 |
| J | 59849-J | 59844-J | 100 |
| K | 59849-K | 59844-K | 100 |
| L | 59849-L | 59844-L | 100 |
| M | 59849-M | 59844-M | 100 |
| N | 59849-N | 59844-N | 100 |
| O | 59849-O | 59844-O | 100 |
| P | 59849-P | 59844-P | 100 |
| Q | 59849-Q | 59844-Q | 100 |

| Printed | Type white | Type yellow | Quantity bag |
|---|---|---|---|
| R | 59849-R | 59844-R | 100 |
| S | 59849-S | 59844-S | 100 |
| T | 59849-T | 59844-T | 100 |
| U | 59849-U | 59844-U | 100 |
| V | 59849-V | 59844-V | 100 |
| W | 59849-W | 59844-W | 100 |
| X | 59849-X | 59844-X | 100 |
| Y | 59849-Y | 59844-Y | 100 |
| Z | 59849-Z | 59844-Z | 100 |
| | 59849- | 59844- | 100 |
| + | 59849-PLS | 59844-PLS | 100 |
| - | 59849-MNS | 59844-MNS | 100 |
| = | 59849-EQL | 59844-EQL | 100 |
| / | 59849-STK | 59844-STK | 100 |
| . | 59849-DOT | 59844-DOT | 100 |
| , | 59849-COM | 59844-COM | 100 |
| : | 59849-CLN | 59844-CLN | 100 |
| ; | 59849-SCLN | 59844-SCLN | 100 |
| ⏚ | 59849-GND | 59844-GND | 100 |
| ⏚ | 59849-GNDP | 59844-GNDP | 100 |
| ~ | 59849-AC | 59844-AC | 100 |
| Ω | 59849-OHM | 59844-OHM | 100 |
| * | 59849-AST | 59844-AST | 100 |
| Δ | 59849-DELTA | 59844-DELTA | 100 |
| ⅄ | 59849-STAR | 59844-STAR | 100 |
| Ø | 59849-DIA | 59844-DIA | 100 |

| Printed | Type | Quantity bag |
|---|---|---|
| 0 | 59840-0 | 100 |
| | 59840- | 100 |
| 1 | 59841-1 | 100 |
| | 59841- | 100 |
| 2 | 59842-2 | 100 |
| + | 59842-PLS | 100 |
| | 59842- | 100 |
| 3 | 59843-3 | 100 |
| | 59843- | 100 |
| 5 | 59845-5 | 100 |
| | 59845- | 100 |
| 6 | 59846-6 | 100 |
| - | 59846-MNS | 100 |
| | 59846- | 100 |
| 7 | 59847-7 | 100 |
| | 59847- | 100 |
| 8 | 59848-8 | 100 |
| | 59848- | 100 |



Directly on the cable.

tools..... page 95





CEMBRE

# FMS




## *Push on flat ring cable markers*

*with tie on carriers*

FMS flat ring markers printed black on yellow, push onto tie on carriers for attachment to large diameter cables, etc.

Made from soft PVC, self extinguishing according to V0 (UL 94), they are chevron cut for perfect alignment on the conductor.

Characters are printed by a hot process, making a slight impression in the material to maintain indelible marking over time.

**Material:** Soft PVC, self extinguishing V0 according to UL94

**Operating temperature range:** -30°C to +90°C

plasticised PVC | - 30°C | + 90°C | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Length mm | Printed | Type yellow | Quantity |
|---|---|---|---|
| 4 | 0 | 32274-0 | 500 |
| 4 | 1 | 32274-1 | 500 |
| 4 | 2 | 32274-2 | 500 |
| 4 | 3 | 32274-3 | 500 |
| 4 | 4 | 32274-4 | 500 |
| 4 | 5 | 32274-5 | 500 |
| 4 | 6 | 32274-6 | 500 |
| 4 | 7 | 32274-7 | 500 |
| 4 | 8 | 32274-8 | 500 |
| 4 | 9 | 32274-9 | 500 |
| 4 | A | 32274-A | 500 |
| 4 | B | 32274-B | 500 |
| 4 | C | 32274-C | 500 |
| 4 | D | 32274-D | 500 |
| 4 | E | 32274-E | 500 |
| 4 | F | 32274-F | 500 |
| 4 | G | 32274-G | 500 |
| 4 | H | 32274-H | 500 |
| 4 | I | 32274-I | 500 |

| Length mm | Printed | Type yellow | Quantity |
|---|---|---|---|
| 4 | J | 32274-J | 500 |
| 4 | K | 32274-K | 500 |
| 4 | L | 32274-L | 500 |
| 4 | M | 32274-M | 500 |
| 4 | N | 32274-N | 500 |
| 4 | O | 32274-O | 500 |
| 4 | P | 32274-P | 500 |
| 4 | Q | 32274-Q | 500 |
| 4 | R | 32274-R | 500 |
| 4 | S | 32274-S | 500 |
| 4 | T | 32274-T | 500 |
| 4 | U | 32274-U | 500 |
| 4 | V | 32274-V | 500 |
| 4 | W | 32274-W | 500 |
| 4 | X | 32274-X | 500 |
| 4 | Y | 32274-Y | 500 |
| 4 | Z | 32274-Z | 500 |
| 4 | | 32274- | 500 |
| 40 | | 20314 | 100 |

| Length mm | Printed | Type yellow | Quantity |
|---|---|---|---|
| 4 | + | 32274-PLS | 500 |
| 4 | - | 32274-MNS | 500 |
| 4 | = | 32274-EQL | 500 |
| 4 | / | 32274-STK | 500 |
| 4 | . | 32274-DOT | 500 |
| 4 | , | 32274-COM | 500 |
| 4 | : | 32274-CLN | 500 |
| 4 | ; | 32274-SCLN | 500 |
| 4 | ⏚ | 32274-GND | 500 |
| 4 | ⏚ | 32274-GNDP | 500 |
| 4 | ~ | 32274-AC | 500 |
| 4 | Ω | 32274-OHM | 500 |
| 4 | * | 32274-AST | 500 |
| 4 | Δ | 32274-DELTA | 500 |
| 4 | ⅄ | 32274-STAR | 500 |
| 4 | Ø | 32274-DIA | 500 |
| | | | |
| | | | |
| | | | |

## *Carrier for push on flat ring cable markers*

*tie width max 4,8mm*



| Family | Height mm | Length mm | Type | N° of rings | Quantity |
|---|---|---|---|---|---|
| FMH-7 | 9 | 30 | 990088 | 7 | 1 |
| FMH-12 | 9 | 50 | 990089 | 12 | 1 |
| FMH-18 | 9 | 70 | 990090 | 18 | 1 |

# MS-ETF

## *Laminated write on-tie on*

*pre-cut, one piece markers, tie on*

For attachment by cable ties to pipes, conduits and cables with larger diameters.

A permanent marker is used to handwrite data on the tag over which an adhesive, transparent film is applied for protection.



**Material:** UV stabilised Polypropylene (PP) for tag. Polyester (0-PET) for protective film.

**Operating temperature range:** -10°C to +60°C

**Application temperature range:** > +10°C

PP HF -10°C +60°C RoHS COMPLIANT 2011/65/EU

| Height mm | Length mm | Type yellow | Print area mm | Cable tie max width mm | Quantity |
|---|---|---|---|---|---|
| 14 | 70 | **4810-YE** | 48 x 10 | 4,8 | *100* |
| 15 | 100 | **5515-YE** | 55 x 15 | 4,8 | *100* |
| 15 | 130 | **8515-YE** | 85 x 15 | 4,8 | *100* |









Directly on the cable.

cable ties ..... page 135



CEMBRE

# ANS

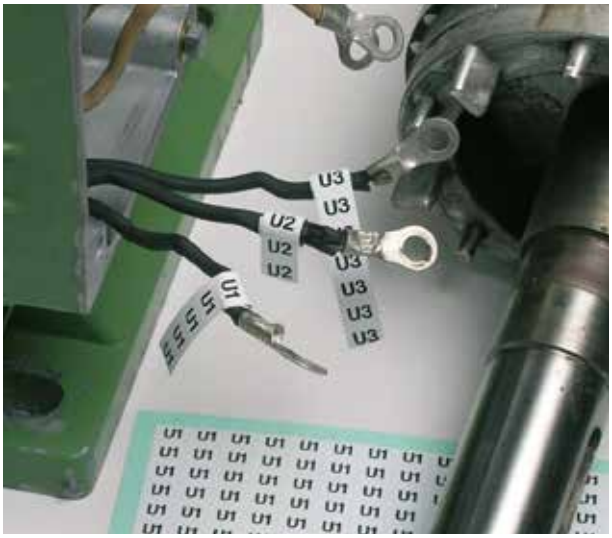
## *Wraparound cable markers*

*self adhesive, self laminating, square corners, precut*

Adhesive preprinted strips for the temporary or permanent marking of insulated and uninsulated conductors.

ANS strips may be used in the production of electric motors as the material will withstand the oven temperatures at which the insulating resins of stators and rotors are baked.

Also available with numeric and alphanumeric combinations and progressions.




PET | - 40°C | + 150°C | RoHS COMPLIANT 2011/65/EU

| Size mm | Printed | Type white | Strips per sheet | Quantity | Size mm | Printed | Type white | Strips per sheet | Quantity | Size mm | Printed | Type white | Strips per sheet | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 x 65 | | **25109-** | 20 | *300* | 8 x 65 | X | **25109-Y** | 20 | *300* | 8 x 65 | 22 | **25109-22** | 20 | *300* |
| 8 x 65 | A | **25109-A** | 20 | *300* | 8 x 65 | Y | **25109-X** | 20 | *300* | 8 x 65 | 23 | **25109-23** | 20 | *300* |
| 8 x 65 | B | **25109-B** | 20 | *300* | 8 x 65 | Z | **25109-Z** | 20 | *300* | 8 x 65 | 24 | **25109-24** | 20 | *300* |
| 8 x 65 | C | **25109-C** | 20 | *300* | 8 x 65 | 0 | **25109-0** | 20 | *300* | 8 x 65 | 25 | **25109-25** | 20 | *300* |
| 8 x 65 | D | **25109-D** | 20 | *300* | 8 x 65 | 1 | **25109-1** | 20 | *300* | 8 x 65 | 26 | **25109-26** | 20 | *300* |
| 8 x 65 | E | **25109-E** | 20 | *300* | 8 x 65 | 2 | **25109-2** | 20 | *300* | 8 x 65 | 27 | **25109-27** | 20 | *300* |
| 8 x 65 | F | **25109-F** | 20 | *300* | 8 x 65 | 3 | **25109-3** | 20 | *300* | 8 x 65 | 28 | **25109-28** | 20 | *300* |
| 8 x 65 | G | **25109-G** | 20 | *300* | 8 x 65 | 4 | **25109-4** | 20 | *300* | 8 x 65 | 29 | **25109-29** | 20 | *300* |
| 8 x 65 | H | **25109-H** | 20 | *300* | 8 x 65 | 5 | **25109-5** | 20 | *300* | 8 x 65 | 30 | **25109-30** | 20 | *300* |
| 8 x 65 | I | **25109-J** | 20 | *300* | 8 x 65 | 6 | **25109-6** | 20 | *300* | 8 x 65 | 31 | **25109-31** | 20 | *300* |
| 8 x 65 | J | **25109-K** | 20 | *300* | 8 x 65 | 7 | **25109-7** | 20 | *300* | 8 x 65 | 32 | **25109-32** | 20 | *300* |
| 8 x 65 | K | **25109-I** | 20 | *300* | 8 x 65 | 8 | **25109-8** | 20 | *300* | 8 x 65 | 33 | **25109-33** | 20 | *300* |
| 8 x 65 | L | **25109-L** | 20 | *300* | 8 x 65 | 9 | **25109-9** | 20 | *300* | 8 x 65 | 34 | **25109-34** | 20 | *300* |
| 8 x 65 | M | **25109-M** | 20 | *300* | 8 x 65 | 10 | **25109-10** | 20 | *300* | 8 x 65 | 35 | **25109-35** | 20 | *300* |
| 8 x 65 | N | **25109-N** | 20 | *300* | 8 x 65 | 11 | **25109-11** | 20 | *300* | 8 x 65 | 36 | **25109-36** | 20 | *300* |
| 8 x 65 | Ñ | **25109-Ñ** | 20 | *300* | 8 x 65 | 12 | **25109-12** | 20 | *300* | 8 x 65 | 37 | **25109-37** | 20 | *300* |
| 8 x 65 | O | **25109-O** | 20 | *300* | 8 x 65 | 13 | **25109-13** | 20 | *300* | 8 x 65 | 38 | **25109-38** | 20 | *300* |
| 8 x 65 | P | **25109-P** | 20 | *300* | 8 x 65 | 14 | **25109-14** | 20 | *300* | 8 x 65 | 39 | **25109-39** | 20 | *300* |
| 8 x 65 | Q | **25109-Q** | 20 | *300* | 8 x 65 | 15 | **25109-15** | 20 | *300* | 8 x 65 | 40 | **25109-40** | 20 | *300* |
| 8 x 65 | R | **25109-R** | 20 | *300* | 8 x 65 | 16 | **25109-16** | 20 | *300* | 8 x 65 | 43 | **25109-43** | 20 | *300* |
| 8 x 65 | S | **25109-S** | 20 | *300* | 8 x 65 | 17 | **25109-17** | 20 | *300* | 8 x 65 | 44 | **25109-44** | 20 | *300* |
| 8 x 65 | T | **25109-T** | 20 | *300* | 8 x 65 | 18 | **25109-18** | 20 | *300* | 8 x 65 | 45 | **25109-45** | 20 | *300* |
| 8 x 65 | U | **25109-U** | 20 | *300* | 8 x 65 | 19 | **25109-19** | 20 | *300* | 8 x 65 | U1 | **25109-U1** | 20 | *300* |
| 8 x 65 | V | **25109-V** | 20 | *300* | 8 x 65 | 20 | **25109-20** | 20 | *300* | 8 x 65 | U2 | **25109-U2** | 20 | *300* |
| 8 x 65 | W | **25109-W** | 20 | *300* | 8 x 65 | 21 | **25109-21** | 20 | *300* | 8 x 65 | U3 | **25109-U3** | 20 | *300* |

# ANS




**Material:** Polyester film. Resistant to Water, Alcohol, Oils and Atmospheric Agents. Excellent dimensional stability

**Operating temperature range:** -40°C to +150°C

**Application temperature range:** +10°C to +40°C

PET | - 40°C | + 150°C | RoHS COMPLIANT 2011/65/EU

| Size mm | Printed | Type white | Strips per sheet | Quantity |
|---|---|---|---|---|
| 8 x 65 | U4 | **25109-U4** | 20 | *300* |
| 8 x 65 | U5 | **25109-U5** | 20 | *300* |
| 8 x 65 | U6 | **25109-U6** | 20 | *300* |
| 8 x 65 | U7 | **25109-U7** | 20 | *300* |
| 8 x 65 | U8 | **25109-U8** | 20 | *300* |
| 8 x 65 | U9 | **25109-U9** | 20 | *300* |
| 8 x 65 | U10 | **25109-U10** | 20 | *300* |
| 8 x 65 | U11 | **25109-U11** | 20 | *300* |
| 8 x 65 | U12 | **25109-U12** | 20 | *300* |
| 8 x 65 | V1 | **25109-V1** | 20 | *300* |
| 8 x 65 | V2 | **25109-V2** | 20 | *300* |
| 8 x 65 | V3 | **25109-V3** | 20 | *300* |
| 8 x 65 | V4 | **25109-V4** | 20 | *300* |
| 8 x 65 | V5 | **25109-V5** | 20 | *300* |
| 8 x 65 | V6 | **25109-V6** | 20 | *300* |
| 8 x 65 | V7 | **25109-V7** | 20 | *300* |

| Size mm | Printed | Type white | Strips per sheet | Quantity |
|---|---|---|---|---|
| 8 x 65 | V8 | **25109-V8** | 20 | *300* |
| 8 x 65 | V9 | **25109-V9** | 20 | *300* |
| 8 x 65 | V10 | **25109-V10** | 20 | *300* |
| 8 x 65 | V11 | **25109-V11** | 20 | *300* |
| 8 x 65 | V12 | **25109-V12** | 20 | *300* |
| 8 x 65 | W1 | **25109-W1** | 20 | *300* |
| 8 x 65 | W2 | **25109-W2** | 20 | *300* |
| 8 x 65 | W3 | **25109-W3** | 20 | *300* |
| 8 x 65 | W4 | **25109-W4** | 20 | *300* |
| 8 x 65 | W5 | **25109-W5** | 20 | *300* |
| 8 x 65 | W6 | **25109-W6** | 20 | *300* |
| 8 x 65 | W7 | **25109-W7** | 20 | *300* |
| 8 x 65 | W8 | **25109-W8** | 20 | *300* |
| 8 x 65 | W9 | **25109-W9** | 20 | *300* |
| 8 x 65 | W10 | **25109-W10** | 20 | *300* |
| 8 x 65 | W11 | **25109-W11** | 20 | *300* |

| Size mm | Printed | Type white | Strips per sheet | Quantity |
|---|---|---|---|---|
| 8 x 65 | W12 | **25109-W12** | 20 | *300* |
| 8 x 65 | F1 | **25109-F1** | 20 | *300* |
| 8 x 65 | F2 | **25109-F2** | 20 | *300* |
| 8 x 65 | X1 | **25109-X1** | 20 | *300* |
| 8 x 65 | X2 | **25109-X2** | 20 | *300* |
| 8 x 65 | Y1 | **25109-Y1** | 20 | *300* |
| 8 x 65 | Y2 | **25109-Y2** | 20 | *300* |
| 8 x 65 | Z1 | **25109-Z1** | 20 | *300* |
| 8 x 65 | Z2 | **25109-Z2** | 20 | *300* |
| 8 x 65 | 302 | **25109-302** | 20 | *300* |
| 8 x 65 | 309 | **25109-309** | 20 | *300* |
| 8 x 65 | 310 | **25109-310** | 20 | *300* |
| 8 x 65 | ⏚ | **25109-GND** | 20 | *300* |
| 8 x 65 | + | **25109-PLS** | 20 | *300* |
| 8 x 65 | - | **25109-MNS** | 20 | *300* |

Directly on cables.





CEMBRE

# ANL




## *Alphanumeric signs*

*Pre-printed, in PVC and Aluminium*

Also available with numeric and alphanumeric combinations and progressions.

*AR: Aluminium undrilled, not adhesive, made to order.

NOTE: Sign with letter " I " is narrower.

**Material:** PVC film

**Operating temperature range:** -40°C to +80°C

**Application temperature range:** +10°C to +40°C

PVC - 40°C + 80°C

RoHS COMPLIANT 2011/65/EU

1
A

| Size mm | Type yellow | Quantity |
|---|---|---|
| 10 x 6 | 374101-... | 500 |
| 13 x 9 | 374102-... | 450 |
| 11 x 11 | 374114-... | 300 |
| 15 x 10 | 374103-... | 280 |
| 20 x 12 | 374104-... | 240 |
| 19 x 14 | 374105-... | 240 |
| 25 x 16 | 374106-... | 120 |
| 38 x 22 | 374107-... | 80 |
| 60 x 34 | 374108-... | 25 |
| 99 x 56 | 374109-... | 15 |
| 124 x 70 | 374110-... | 10 |
| 175 x 99 | 374111-... | 5 |
| 200 x 148 | 374112-... | 1 |
| 297 x 210 | 374113-... | 1 |

1 + 1
AA

| Size mm | Type yellow | Quantity |
|---|---|---|
| 10 x 12 | 374101-... | 500 |
| 13 x 18 | 374102-... | 450 |
| 11 x 22 | 374114-... | 300 |
| 15 x 20 | 374103-... | 280 |
| 20 x 24 | 374104-... | 240 |
| 19 x 28 | 374105-... | 240 |
| 25 x 32 | 374106-... | 120 |
| 38 x 44 | 374107-... | 80 |
| 60 x 68 | 374108-... | 25 |
| 99 x 112 | 374109-... | 15 |
| 124 x 140 | 374110-... | 10 |
| 175 x 198 | 374111-... | 5 |
| 200 x 296 | 374112-... | 1 |
| 297 x 420 | 374113-... | 1 |

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

0 1 2 3 4 5 6 7 8 9

→ + - / . =
ARR-H PLS MLS STK DOT EQL

I II III V X
I-ROM II-ROM III-ROM V-ROM X-ROM

| Arabic numerals | Roman numerals |
|---|---|
| 1 | I |
| 2 | II |
| 3 | III |
| 4 | IV |
| 5 | V |
| 6 | VI |
| 7 | VII |
| 8 | VIII |
| 9 | IX |
| 10 | X |
| 11 | XI |
| 12 | XII |
| 13 | XIII |
| 14 | XIV |
| 15 | XV |
| 16 | XVI |
| 17 | XVII |
| 18 | XVIII |
| 19 | XIX |
| 20 | XX |
| 21 | XXI |
| 22 | XXII |
| 30 | XXX |

| Arabic numerals | Roman numerals |
|---|---|
| 40 | XL |
| 50 | L |
| 60 | LX |
| 70 | LXX |
| 80 | LXXX |
| 90 | XC |
| 100 | C |
| 150 | CL |
| 160 | CLX |
| 200 | CC |
| 250 | CCL |
| 300 | CCC |
| 400 | CD |
| 500 | D |
| 600 | DC |
| 700 | DCC |
| 800 | DCCC |
| 900 | CM |
| 1.000 | M |
| 2.000 | MM |
| 3.000 | MMM |
| 4.000 | MMMM |

Directly on surface.

A

# WIT-W

## Cable ticket

*cable bundle identification*

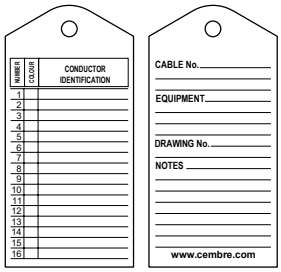
Pre-printed double-sided tags editable with appropriate marking pen for identification of multiple conductors. Affixable via cable ties.



**56008** front/back




**56008-GB** front/back




**Material:** Polypropylene

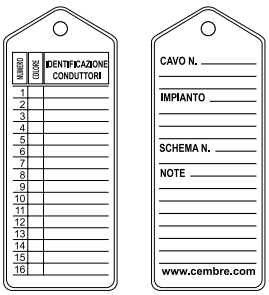
**Operating temperature range:** -30°C to +60°C

PP | -30°C | +60°C | RoHS COMPLIANT 2011/65/EU

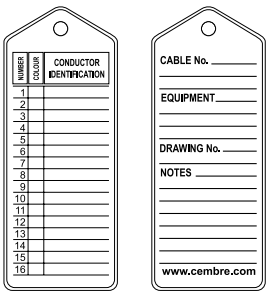
| Thickness mm | Type | Size mm | Quantity |
|---|---|---|---|
| 0,3 | **56009** | 50 x 100 | *1.000 / 100* |
| 0,5 | **56008** | 50 x 100 | *500 / 50* |
| | **56008-GB** | 50 x 100 | *500 / 50* |



**56006** front/back




**56006-GB** front/back




**Material:** soft PVC

**Operating temperature range:** -30°C to +60°C

PVC | -30°C | +60°C | RoHS COMPLIANT 2011/65/EU

| Thickness mm | Type | Size mm | Quantity |
|---|---|---|---|
| 0,5 | **56006** | 40 x 100 | *500/50* |
| | **56006-GB** | 40 x 100 | *500/50* |

Affix by appropriate means, e.g cable tie.

cables ties ..... page 135





CEMBRE

# S40390

## *Cable tags without holder*

*one piece, clip on*

S40390 one piece tags require no transparent holders and are mounted on cables via the two range-taking apertures.

Tags are easily removed from the stems and partially printed sheets may be reused to avoid wastage.

- *It is advisable to select the tag based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.*



**Material:** Polycarbonate, Halogen Free, self extinguishing class V0: UL94.

**Operating temperature range:** -40°C to +130°C

PC HF SF -40°C +130°C UL94 V0 RoHS COMPLIANT 2011/65/EU

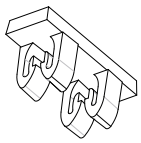
| Cable ext.Ø range mm | Cable c.s.a range mm² | Size mm | Type | Printed | Tags per sheet | Quantity |
|---|---|---|---|---|---|---|
| 2 ÷ 2,9 | 0,5 ÷ 1,5 | 4 x 12 | S40390-01-RE | 01 | 40 | 880 |
| | | | S40390-02-GN | 02 | 40 | 880 |
| | | | S40390-03-YE | 03 | 40 | 880 |
| | | | S40390-04-BR | 04 | 40 | 880 |
| | | | S40390-05-BU | 05 | 40 | 880 |
| | | | S40390-06-VI | 06 | 40 | 880 |
| | | | S40390-07-PK | 07 | 40 | 880 |
| | | | S40390-08-OR | 08 | 40 | 880 |
| | | | S40390-09-GY | 09 | 40 | 880 |
| | | | S40390-10-BK | 10 | 40 | 880 |
| | | | S40390-11-LBU | 11 | 40 | 880 |
| | | | S40390-12-WH | 12 | 40 | 880 |
| | | | S40390-13-RE | 13 | 40 | 880 |
| | | | S40390-14-GN | 14 | 40 | 880 |
| | | | S40390-15-YE | 15 | 40 | 880 |
| | | | S40390-16-BR | 16 | 40 | 880 |
| | | | S40390-17-BU | 17 | 40 | 880 |
| | | | S40390-18-VI | 18 | 40 | 880 |
| | | | S40390-19-PK | 19 | 40 | 880 |
| | | | S40390-20-OR | 20 | 40 | 880 |
| | | | S40390-21-GY | 21 | 40 | 880 |
| | | | S40390-22-BK | 22 | 40 | 880 |
| | | | S40390-23-LBU | 23 | 40 | 880 |
| | | | S40390-24-WH | 24 | 40 | 880 |




RETROFIT? INDISPENSABLE!




Directly on cables according to the diameter ranges shown in the table.

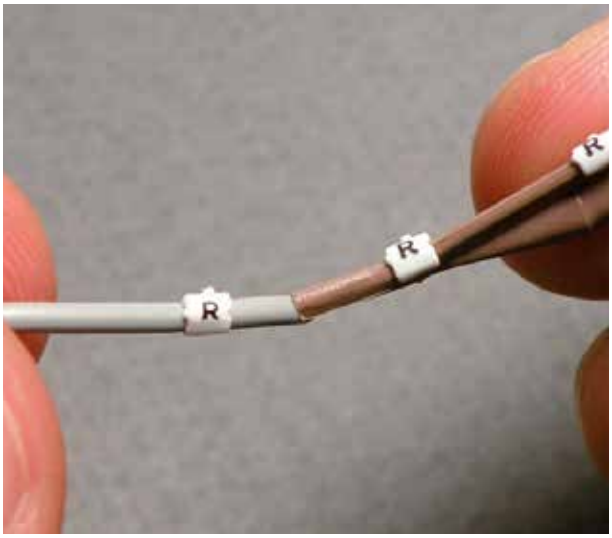


# SM-01

## *Snap on cable markers*

*alphanumeric*

Markers are attached directly from their applicator, which is brown. The small sizes provide an ideal identification system for small-section cables, eg in electronic equipment.




**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 1 ÷ 1,4 mm**

**C.s.a range 0,25 ÷ 0,35 mm²**

POM HF -40°C +106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| 0 | 17900-0 | 17400-0 | 300 |
| 1 | 17900-1 | 17400-1 | 300 |
| 2 | 17900-2 | 17400-2 | 300 |
| 3 | 17900-3 | 17400-3 | 300 |
| 4 | 17900-4 | 17400-4 | 300 |
| 5 | 17900-5 | 17400-5 | 300 |
| 6 | 17900-6 | 17400-6 | 300 |
| 7 | 17900-7 | 17400-7 | 300 |
| 8 | 17900-8 | 17400-8 | 300 |
| 9 | 17900-9 | 17400-9 | 300 |
| A | 17900-A | 17400-A | 300 |
| B | 17900-B | 17400-B | 300 |
| C | 17900-C | 17400-C | 300 |
| D | 17900-D | 17400-D | 300 |
| E | 17900-E | 17400-E | 300 |
| F | 17900-F | 17400-F | 300 |
| G | 17900-G | 17400-G | 300 |
| H | 17900-H | 17400-H | 300 |
| I | 17900-I | 17400-I | 300 |
| J | 17900-J | 17400-J | 300 |
| K | 17900-K | 17400-K | 300 |
| L | 17900-L | 17400-L | 300 |

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| M | 17900-M | 17400-M | 300 |
| N | 17900-N | 17400-N | 300 |
| O | 17900-O | 17400-O | 300 |
| P | 17900-P | 17400-P | 300 |
| Q | 17900-Q | 17400-Q | 300 |
| R | 17900-R | 17400-R | 300 |
| S | 17900-S | 17400-S | 300 |
| T | 17900-T | 17400-T | 300 |
| U | 17900-U | 17400-U | 300 |
| V | 17900-V | 17400-V | 300 |
| W | 17900-W | 17400-W | 300 |
| X | 17900-X | 17400-X | 300 |
| Y | 17900-Y | 17400-Y | 300 |
| Z | 17900-Z | 17400-Z | 300 |
| | 17900- | 17400- | 300 |
| + | 17900-PLS | 17400-PLS | 300 |
| - | 17900-MNS | 17400-MNS | 300 |
| ~ | 17900-AC | 17400-AC | 300 |
| / | 17900-STK | 17400-STK | 300 |
| . | 17900-DOT | 17400-DOT | 300 |
| ⏚ | 17900-GND | 17400-GND | 300 |
| : | 17900-CLN | 17400-CLN | 300 |

| Printed | Type | Quantity |
|---|---|---|
| 0 | 17000-0 | 300 |
| | 17000- | 300 |
| 1 | 17100-1 | 300 |
| | 17100- | 300 |
| 2 | 17200-2 | 300 |
| | 17200- | 300 |
| 3 | 17300-3 | 300 |
| | 17300- | 300 |
| 5 | 17500-5 | 300 |
| | 17500- | 300 |
| 6 | 17600-6 | 300 |
| | 17600- | 300 |
| 7 | 17700-7 | 300 |
| | 17700- | 300 |
| 8 | 17800-8 | 300 |
| | 17800- | 300 |

RETROFIT? INDISPENSABLE!







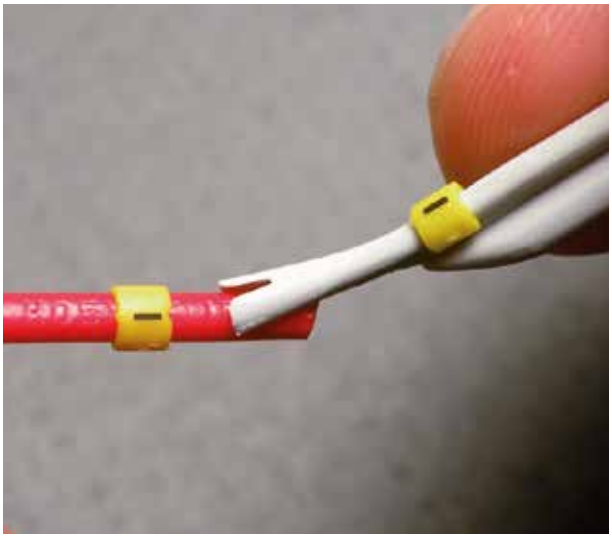
CEMBRE

# SM-02

## *Snap on cable markers*

*alphanumeric*

Markers are attached directly from their applicator, which is grey. The small sizes provide ideal identification system for small-section cables, eg in electronic equipment.



**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 1,4 ÷ 1,8 mm**

**C.s.a range 0,35 ÷ 0,75 mm²**

POM HF -40°C +106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type white | Type yellow | Quantity |
|---|---|---|---|
| 0 | 17910-0 | 17410-0 | 300 |
| 1 | 17910-1 | 17410-1 | 300 |
| 2 | 17910-2 | 17410-2 | 300 |
| 3 | 17910-3 | 17410-3 | 300 |
| 4 | 17910-4 | 17410-4 | 300 |
| 5 | 17910-5 | 17410-5 | 300 |
| 6 | 17910-6 | 17410-6 | 300 |
| 7 | 17910-7 | 17410-7 | 300 |
| 8 | 17910-8 | 17410-8 | 300 |
| 9 | 17910-9 | 17410-9 | 300 |
| A | 17910-A | 17410-A | 300 |
| B | 17910-B | 17410-B | 300 |
| C | 17910-C | 17410-C | 300 |
| D | 17910-D | 17410-D | 300 |
| E | 17910-E | 17410-E | 300 |
| F | 17910-F | 17410-F | 300 |
| G | 17910-G | 17410-G | 300 |
| H | 17910-H | 17410-H | 300 |
| I | 17910-I | 17410-I | 300 |
| J | 17910-J | 17410-J | 300 |
| K | 17910-K | 17410-K | 300 |
| L | 17910-L | 17410-L | 300 |

| Printed | Type white | Type yellow | Quantity |
|---|---|---|---|
| M | 17910-M | 17410-M | 300 |
| N | 17910-N | 17410-N | 300 |
| O | 17910-O | 17410-O | 300 |
| P | 17910-P | 17410-P | 300 |
| Q | 17910-Q | 17410-Q | 300 |
| R | 17910-R | 17410-R | 300 |
| S | 17910-S | 17410-S | 300 |
| T | 17910-T | 17410-T | 300 |
| U | 17910-U | 17410-U | 300 |
| V | 17910-V | 17410-V | 300 |
| W | 17910-W | 17410-W | 300 |
| X | 17910-X | 17410-X | 300 |
| Y | 17910-Y | 17410-Y | 300 |
| Z | 17910-Z | 17410-Z | 300 |
| | 17910- | 17410- | 300 |
| + | 17910-PLS | 17410-PLS | 300 |
| - | 17910-MNS | 17410-MNS | 300 |
| ~ | 17910-AC | 17410-AC | 300 |
| / | 17910-STK | 17410-STK | 300 |
| . | 17910-DOT | 17410-DOT | 300 |
| ⏚ | 17910-GND | 17410-GND | 300 |
| : | 17910-CLN | 17410-CLN | 300 |

| Printed | Type | Quantity |
|---|---|---|
| 0 | 17010-0 | 300 |
| | 17010- | 300 |
| 1 | 17110-1 | 300 |
| | 17110- | 300 |
| 2 | 17210-2 | 300 |
| | 17210- | 300 |
| 3 | 17310-3 | 300 |
| | 17310- | 300 |
| 5 | 17510-5 | 300 |
| | 17510- | 300 |
| 6 | 17610-6 | 300 |
| | 17610- | 300 |
| 7 | 17710-7 | 300 |
| | 17710- | 300 |
| 8 | 17810-8 | 300 |
| | 17810- | 300 |

RETROFIT? INDISPENSABLE!

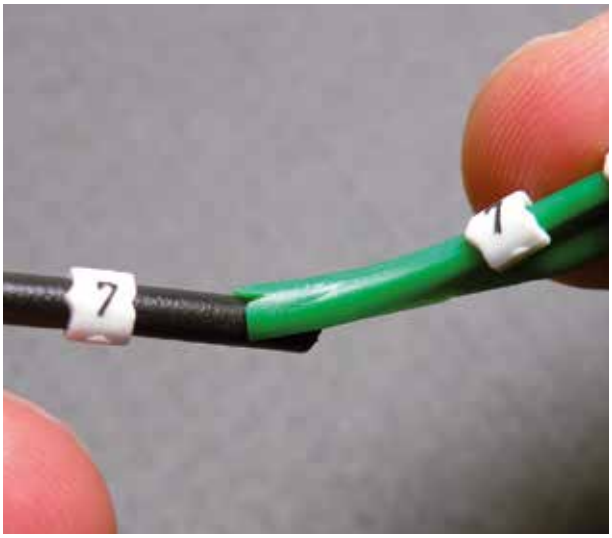


# SM-03

## *Snap on cable markers*

*alphanumeric*

Markers are attached directly from their applicator, which is green.




**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 1,9 ÷ 2,65 mm**

**C.s.a range 0,5 ÷ 1 mm²**

POM HF - 40°C + 106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| 0 | 17920-0 | 17420-0 | 300 |
| 1 | 17920-1 | 17420-1 | 300 |
| 2 | 17920-2 | 17420-2 | 300 |
| 3 | 17920-3 | 17420-3 | 300 |
| 4 | 17920-4 | 17420-4 | 300 |
| 5 | 17920-5 | 17420-5 | 300 |
| 6 | 17920-6 | 17420-6 | 300 |
| 7 | 17920-7 | 17420-7 | 300 |
| 8 | 17920-8 | 17420-8 | 300 |
| 9 | 17920-9 | 17420-9 | 300 |
| A | 17920-A | 17420-A | 300 |
| B | 17920-B | 17420-B | 300 |
| C | 17920-C | 17420-C | 300 |
| D | 17920-D | 17420-D | 300 |
| E | 17920-E | 17420-E | 300 |
| F | 17920-F | 17420-F | 300 |
| G | 17920-G | 17420-G | 300 |
| H | 17920-H | 17420-H | 300 |
| I | 17920-I | 17420-I | 300 |
| J | 17920-J | 17420-J | 300 |
| K | 17920-K | 17420-K | 300 |
| L | 17920-L | 17420-L | 300 |

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| M | 17920-M | 17420-M | 300 |
| N | 17920-N | 17420-N | 300 |
| O | 17920-O | 17420-O | 300 |
| P | 17920-P | 17420-P | 300 |
| Q | 17920-Q | 17420-Q | 300 |
| R | 17920-R | 17420-R | 300 |
| S | 17920-S | 17420-S | 300 |
| T | 17920-T | 17420-T | 300 |
| U | 17920-U | 17420-U | 300 |
| V | 17920-V | 17420-V | 300 |
| W | 17920-W | 17420-W | 300 |
| X | 17920-X | 17420-X | 300 |
| Y | 17920-Y | 17420-Y | 300 |
| Z | 17920-Z | 17420-Z | 300 |
| | 17920- | 17420- | 300 |
| + | 17920-PLS | 17420-PLS | 300 |
| - | 17920-MNS | 17420-MNS | 300 |
| ~ | 17920-AC | 17420-AC | 300 |
| / | 17920-STK | 17420-STK | 300 |
| . | 17920-DOT | 17420-DOT | 300 |
| ⏚ | 17920-GND | 17420-GND | 300 |
| : | 17920-CLN | 17420-CLN | 300 |

| Printed | Type | Quantity |
|---|---|---|
| 0 | 17020-0 | 300 |
| | 17020- | 300 |
| 1 | 17120-1 | 300 |
| | 17120- | 300 |
| 2 | 17220-2 | 300 |
| | 17220- | 300 |
| 3 | 17320-3 | 300 |
| | 17320- | 300 |
| 5 | 17520-5 | 300 |
| | 17520- | 300 |
| 6 | 17620-6 | 300 |
| | 17620- | 300 |
| 7 | 17720-7 | 300 |
| | 17720- | 300 |
| 8 | 17820-8 | 300 |
| | 17820- | 300 |

RETROFIT? INDISPENSABLE!







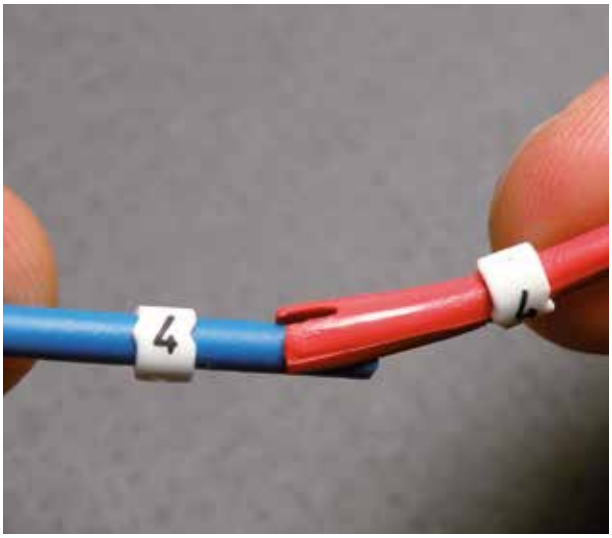
CEMBRE

# SM-06

## *Snap on cable markers*

*alphanumeric*

Markers are attached directly from their applicator, which is red. Printed both sides for better legibility.




**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 2,6 ÷ 3,5 mm**

**C.s.a range 0,75 ÷ 1,5 mm²**

POM HF -40°C +106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| 0 | 17930-0 | 17430-0 | 300 |
| 1 | 17930-1 | 17430-1 | 300 |
| 2 | 17930-2 | 17430-2 | 300 |
| 3 | 17930-3 | 17430-3 | 300 |
| 4 | 17930-4 | 17430-4 | 300 |
| 5 | 17930-5 | 17430-5 | 300 |
| 6 | 17930-6 | 17430-6 | 300 |
| 7 | 17930-7 | 17430-7 | 300 |
| 8 | 17930-8 | 17430-8 | 300 |
| 9 | 17930-9 | 17430-9 | 300 |
| A | 17930-A | 17430-A | 300 |
| B | 17930-B | 17430-B | 300 |
| C | 17930-C | 17430-C | 300 |
| D | 17930-D | 17430-D | 300 |
| E | 17930-E | 17430-E | 300 |
| F | 17930-F | 17430-F | 300 |
| G | 17930-G | 17430-G | 300 |
| H | 17930-H | 17430-H | 300 |
| I | 17930-I | 17430-I | 300 |
| J | 17930-J | 17430-J | 300 |
| K | 17930-K | 17430-K | 300 |
| L | 17930-L | 17430-L | 300 |

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| M | 17930-M | 17430-M | 300 |
| N | 17930-N | 17430-N | 300 |
| O | 17930-O | 17430-O | 300 |
| P | 17930-P | 17430-P | 300 |
| Q | 17930-Q | 17430-Q | 300 |
| R | 17930-R | 17430-R | 300 |
| S | 17930-S | 17430-S | 300 |
| T | 17930-T | 17430-T | 300 |
| U | 17930-U | 17430-U | 300 |
| V | 17930-V | 17430-V | 300 |
| W | 17930-W | 17430-W | 300 |
| X | 17930-X | 17430-X | 300 |
| Y | 17930-Y | 17430-Y | 300 |
| Z | 17930-Z | 17430-Z | 300 |
| | 17930- | 17430- | 300 |
| + | 17930-PLS | 17430-PLS | 300 |
| - | 17930-MNS | 17430-MNS | 300 |
| ~ | 17930-AC | 17430-AC | 300 |
| / | 17930-STK | 17430-STK | 300 |
| . | 17930-DOT | 17430-DOT | 300 |
| ⏚ | 17930-GND | 17430-GND | 300 |
| : | 17930-CLN | 17430-CLN | 300 |

| Printed | Type | Quantity |
|---|---|---|
| 0 | 17030-0 | 300 |
| | 17030- | 300 |
| 1 | 17130-1 | 300 |
| | 17130- | 300 |
| 2 | 17230-2 | 300 |
| | 17230- | 300 |
| 3 | 17330-3 | 300 |
| | 17330- | 300 |
| 5 | 17530-5 | 300 |
| | 17530- | 300 |
| 6 | 17630-6 | 300 |
| | 17630- | 300 |
| 7 | 17730-7 | 300 |
| | 17730- | 300 |
| 8 | 17830-8 | 300 |
| | 17830- | 300 |

RETROFIT? INDISPENSABLE!

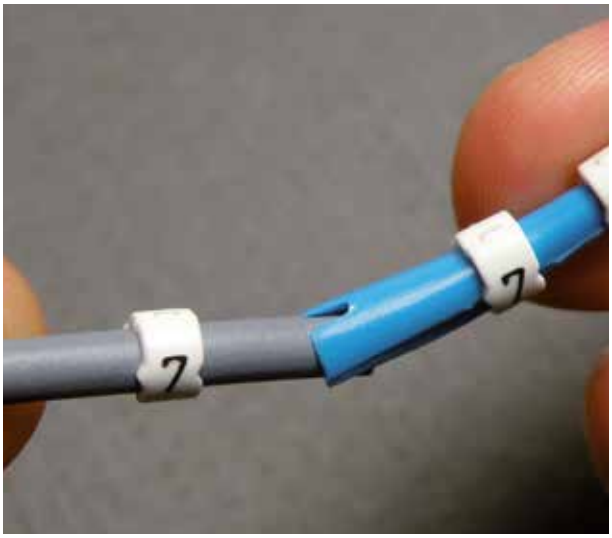


# SM-09

## *Snap on cable markers*

*alphanumeric*

The number of 30 Markers are attached directly from their applicator, which is blue. Printed both sides for better legibility.



**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 3,25 ÷ 4,5 mm**

**C.s.a range 1,5 ÷ 2,5 mm²**

POM HF -40°C +106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| 0 | 17940-0 | 17440-0 | 300 |
| 1 | 17940-1 | 17440-1 | 300 |
| 2 | 17940-2 | 17440-2 | 300 |
| 3 | 17940-3 | 17440-3 | 300 |
| 4 | 17940-4 | 17440-4 | 300 |
| 5 | 17940-5 | 17440-5 | 300 |
| 6 | 17940-6 | 17440-6 | 300 |
| 7 | 17940-7 | 17440-7 | 300 |
| 8 | 17940-8 | 17440-8 | 300 |
| 9 | 17940-9 | 17440-9 | 300 |
| A | 17940-A | 17440-A | 300 |
| B | 17940-B | 17440-B | 300 |
| C | 17940-C | 17440-C | 300 |
| D | 17940-D | 17440-D | 300 |
| E | 17940-E | 17440-E | 300 |
| F | 17940-F | 17440-F | 300 |
| G | 17940-G | 17440-G | 300 |
| H | 17940-H | 17440-H | 300 |
| I | 17940-I | 17440-I | 300 |
| J | 17940-J | 17440-J | 300 |
| K | 17940-K | 17440-K | 300 |
| L | 17940-L | 17440-L | 300 |

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| M | 17940-M | 17440-M | 300 |
| N | 17940-N | 17440-N | 300 |
| O | 17940-O | 17440-O | 300 |
| P | 17940-P | 17440-P | 300 |
| Q | 17940-Q | 17440-Q | 300 |
| R | 17940-R | 17440-R | 300 |
| S | 17940-S | 17440-S | 300 |
| T | 17940-T | 17440-T | 300 |
| U | 17940-U | 17440-U | 300 |
| V | 17940-V | 17440-V | 300 |
| W | 17940-W | 17440-W | 300 |
| X | 17940-X | 17440-X | 300 |
| Y | 17940-Y | 17440-Y | 300 |
| Z | 17940-Z | 17440-Z | 300 |
| | 17940- | 17440- | 300 |
| + | 17940-PLS | 17440-PLS | 300 |
| - | 17940-MNS | 17440-MNS | 300 |
| ~ | 17940-AC | 17440-AC | 300 |
| / | 17940-STK | 17440-STK | 300 |
| . | 17940-DOT | 17440-DOT | 300 |
| ⏚ | 17940-GND | 17440-GND | 300 |
| : | 17940-CLN | 17440-CLN | 300 |

| Printed | Type | Quantity |
|---|---|---|
| 0 | 17040-0 | 300 |
| | 17040- | 300 |
| 1 | 17140-1 | 300 |
| | 17140- | 300 |
| 2 | 17240-2 | 300 |
| | 17240- | 300 |
| 3 | 17340-3 | 300 |
| | 17340- | 300 |
| 5 | 17540-5 | 300 |
| | 17540- | 300 |
| 6 | 17640-6 | 300 |
| | 17640- | 300 |
| 7 | 17740-7 | 300 |
| | 17740- | 300 |
| 8 | 17840-8 | 300 |
| | 17840- | 300 |

RETROFIT? INDISPENSABLE!







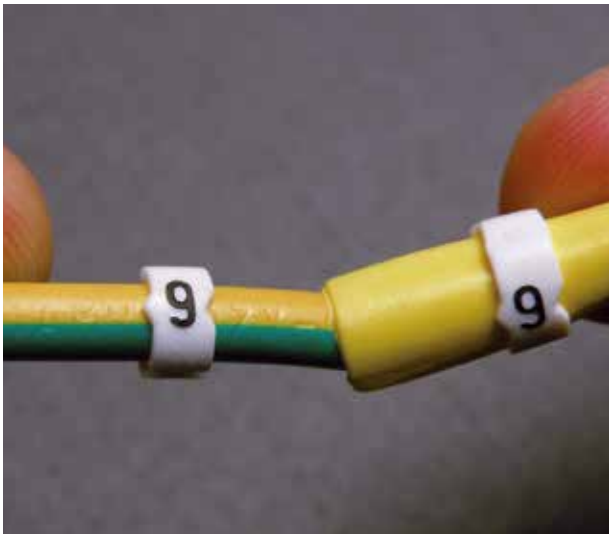
CEMBRE

# SM-12

## *Snap on cable markers*

*alphanumeric*

Markers are attached directly from their applicator, which is yellow. They are particularly recommended for identifying the connecting cables of IT networks.




**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 4,5 ÷ 6 mm**

**C.s.a range 4 ÷ 6 mm²**

POM HF -40°C +106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| 0 | 17950-0 | 17450-0 | 300 |
| 1 | 17950-1 | 17450-1 | 300 |
| 2 | 17950-2 | 17450-2 | 300 |
| 3 | 17950-3 | 17450-3 | 300 |
| 4 | 17950-4 | 17450-4 | 300 |
| 5 | 17950-5 | 17450-5 | 300 |
| 6 | 17950-6 | 17450-6 | 300 |
| 7 | 17950-7 | 17450-7 | 300 |
| 8 | 17950-8 | 17450-8 | 300 |
| 9 | 17950-9 | 17450-9 | 300 |
| A | 17950-A | 17450-A | 300 |
| B | 17950-B | 17450-B | 300 |
| C | 17950-C | 17450-C | 300 |
| D | 17950-D | 17450-D | 300 |
| E | 17950-E | 17450-E | 300 |
| F | 17950-F | 17450-F | 300 |
| G | 17950-G | 17450-G | 300 |
| H | 17950-H | 17450-H | 300 |
| I | 17950-I | 17450-I | 300 |
| J | 17950-J | 17450-J | 300 |
| K | 17950-K | 17450-K | 300 |
| L | 17950-L | 17450-L | 300 |

| Printed | Type | | Quantity |
|---|---|---|---|
| | white | yellow | |
| M | 17950-M | 17450-M | 300 |
| N | 17950-N | 17450-N | 300 |
| O | 17950-O | 17450-O | 300 |
| P | 17950-P | 17450-P | 300 |
| Q | 17950-Q | 17450-Q | 300 |
| R | 17950-R | 17450-R | 300 |
| S | 17950-S | 17450-S | 300 |
| T | 17950-T | 17450-T | 300 |
| U | 17950-U | 17450-U | 300 |
| V | 17950-V | 17450-V | 300 |
| W | 17950-W | 17450-W | 300 |
| X | 17950-X | 17450-X | 300 |
| Y | 17950-Y | 17450-Y | 300 |
| Z | 17950-Z | 17450-Z | 300 |
| | 17950- | 17450- | 300 |
| + | 17950-PLS | 17450-PLS | 300 |
| - | 17950-MNS | 17450-MNS | 300 |
| ~ | 17950-AC | 17450-AC | 300 |
| / | 17950-STK | 17450-STK | 300 |
| . | 17950-DOT | 17450-DOT | 300 |
| ⏚ | 17950-GND | 17450-GND | 300 |
| : | 17950-CLN | 17450-CLN | 300 |

| Printed | Type | Quantity |
|---|---|---|
| 0 | 17050-0 | 300 |
| | 17050- | 300 |
| 1 | 17150-1 | 300 |
| | 17150- | 300 |
| 2 | 17250-2 | 300 |
| + | 17250-PLS | 300 |
| | 17250- | 300 |
| 3 | 17350-3 | 300 |
| | 17350- | 300 |
| 5 | 17550-5 | 300 |
| | 17550- | 300 |
| 6 | 17650-6 | 300 |
| | 17650- | 300 |
| 7 | 17750-7 | 300 |
| | 17750- | 300 |
| 8 | 17850-8 | 300 |
| | 17850- | 300 |

RETROFIT? INDISPENSABLE!



# SM-15

## *Snap on cable markers*

*alphanumeric*

Loose cable markers, particularly recommended for identifying the connecting cables of IT networks.



**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 5,8 ÷ 8,5 mm**

**C.s.a range 10 ÷ 16 mm²**

POM HF - 40°C + 106°C

RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity bag |
|---|---|---|---|
| | white | yellow | |
| 0 | 17960-0 | 17460-0 | 50 |
| 1 | 17960-1 | 17460-1 | 50 |
| 2 | 17960-2 | 17460-2 | 50 |
| 3 | 17960-3 | 17460-3 | 50 |
| 4 | 17960-4 | 17460-4 | 50 |
| 5 | 17960-5 | 17460-5 | 50 |
| 6 | 17960-6 | 17460-6 | 50 |
| 7 | 17960-7 | 17460-7 | 50 |
| 8 | 17960-8 | 17460-8 | 50 |
| 9 | 17960-9 | 17460-9 | 50 |
| A | 17960-A | 17460-A | 50 |
| B | 17960-B | 17460-B | 50 |
| C | 17960-C | 17460-C | 50 |
| D | 17960-D | 17460-D | 50 |
| E | 17960-E | 17460-E | 50 |
| F | 17960-F | 17460-F | 50 |
| G | 17960-G | 17460-G | 50 |
| H | 17960-H | 17460-H | 50 |
| I | 17960-I | 17460-I | 50 |
| J | 17960-J | 17460-J | 50 |
| K | 17960-K | 17460-K | 50 |
| L | 17960-L | 17460-L | 50 |

| Printed | Type | | Quantity bag |
|---|---|---|---|
| | white | yellow | |
| M | 17960-M | 17460-M | 50 |
| N | 17960-N | 17460-N | 50 |
| O | 17960-O | 17460-O | 50 |
| P | 17960-P | 17460-P | 50 |
| Q | 17960-Q | 17460-Q | 50 |
| R | 17960-R | 17460-R | 50 |
| S | 17960-S | 17460-S | 50 |
| T | 17960-T | 17460-T | 50 |
| U | 17960-U | 17460-U | 50 |
| V | 17960-V | 17460-V | 50 |
| W | 17960-W | 17460-W | 50 |
| X | 17960-X | 17460-X | 50 |
| Y | 17960-Y | 17460-Y | 50 |
| Z | 17960-Z | 17460-Z | 50 |
| | 17960- | 17460- | 50 |
| + | 17960-PLS | 17460-PLS | 50 |
| - | 17960-MNS | 17460-MNS | 50 |
| ~ | 17960-AC | 17460-AC | 50 |
| / | 17960-STK | 17460-STK | 50 |
| . | 17960-DOT | 17460-DOT | 50 |
| ⏚ | 17960-GND | 17460-GND | 50 |
| : | 17960-CLN | 17460-CLN | 50 |

| Printed | Type | Quantity bag |
|---|---|---|
| 0 | 17060-0 | 50 |
| | 17060- | 50 |
| 1 | 17160-1 | 50 |
| | 17160- | 50 |
| 2 | 17260-2 | 50 |
| | 17260- | 50 |
| 3 | 17360-3 | 50 |
| | 17360- | 50 |
| 5 | 17560-5 | 50 |
| | 17560- | 50 |
| 6 | 17660-6 | 50 |
| | 17660- | 50 |
| 7 | 17760-7 | 50 |
| | 17760- | 50 |
| 8 | 17860-8 | 50 |
| | 17860- | 50 |

RETROFIT? INDISPENSABLE!

Directly on cable.

applicator STM-15 990103..... page 116








CEMBRE

# SM-17

## *Snap on cable markers*

*alphanumeric*

Loose cable markers.



**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 8,5 ÷ 11,5 mm**

**C.s.a range 25 ÷ 35 mm²**

POM HF - 40°C + 106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity bag |
|---|---|---|---|
| | white | yellow | |
| 0 | 17970-0 | 17470-0 | 50 |
| 1 | 17970-1 | 17470-1 | 50 |
| 2 | 17970-2 | 17470-2 | 50 |
| 3 | 17970-3 | 17470-3 | 50 |
| 4 | 17970-4 | 17470-4 | 50 |
| 5 | 17970-5 | 17470-5 | 50 |
| 6 | 17970-6 | 17470-6 | 50 |
| 7 | 17970-7 | 17470-7 | 50 |
| 8 | 17970-8 | 17470-8 | 50 |
| 9 | 17970-9 | 17470-9 | 50 |
| A | 17970-A | 17470-A | 50 |
| B | 17970-B | 17470-B | 50 |
| C | 17970-C | 17470-C | 50 |
| D | 17970-D | 17470-D | 50 |
| E | 17970-E | 17470-E | 50 |
| F | 17970-F | 17470-F | 50 |
| G | 17970-G | 17470-G | 50 |
| H | 17970-H | 17470-H | 50 |
| I | 17970-I | 17470-I | 50 |
| J | 17970-J | 17470-J | 50 |
| K | 17970-K | 17470-K | 50 |
| L | 17970-L | 17470-L | 50 |

| Printed | Type | | Quantity bag |
|---|---|---|---|
| | white | yellow | |
| M | 17970-M | 17470-M | 50 |
| N | 17970-N | 17470-N | 50 |
| O | 17970-O | 17470-O | 50 |
| P | 17970-P | 17470-P | 50 |
| Q | 17970-Q | 17470-Q | 50 |
| R | 17970-R | 17470-R | 50 |
| S | 17970-S | 17470-S | 50 |
| T | 17970-T | 17470-T | 50 |
| U | 17970-U | 17470-U | 50 |
| V | 17970-V | 17470-V | 50 |
| W | 17970-W | 17470-W | 50 |
| X | 17970-X | 17470-X | 50 |
| Y | 17970-Y | 17470-Y | 50 |
| Z | 17970-Z | 17470-Z | 50 |
| | 17970- | 17470- | 50 |
| + | 17970-PLS | 17470-PLS | 50 |
| - | 17970-MNS | 17470-MNS | 50 |
| ~ | 17970-AC | 17470-AC | 50 |
| / | 17970-STK | 17470-STK | 50 |
| . | 17970-DOT | 17470-DOT | 50 |
| ⏚ | 17970-GND | 17470-GND | 50 |
| : | 17970-CLN | 17470-CLN | 50 |

| Printed | Type | Quantity bag |
|---|---|---|
| 0 | 17070-0 | 50 |
| | 17070- | 50 |
| 1 | 17170-1 | 50 |
| | 17170- | 50 |
| 2 | 17270-2 | 50 |
| | 17270- | 50 |
| 3 | 17370-3 | 50 |
| | 17370- | 50 |
| 5 | 17570-5 | 50 |
| | 17570- | 50 |
| 6 | 17670-6 | 50 |
| | 17670- | 50 |
| 7 | 17770-7 | 50 |
| | 17770- | 50 |
| 8 | 17870-8 | 50 |
| | 17870- | 50 |

RETROFIT? INDISPENSABLE!

Directly on cable.

applicator STM-17 990104..... page 116



# SM-21

## *Snap on cable markers*

*alphanumeric*

Loose cable markers.



**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to Oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 11 ÷ 15 mm**

**C.s.a range 35 ÷ 70 mm²**

POM HF -40°C +106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type | | Quantity bag |
|---|---|---|---|
| | white | yellow | |
| 0 | 17980-0 | 17480-0 | 50 |
| 1 | 17980-1 | 17480-1 | 50 |
| 2 | 17980-2 | 17480-2 | 50 |
| 3 | 17980-3 | 17480-3 | 50 |
| 4 | 17980-4 | 17480-4 | 50 |
| 5 | 17980-5 | 17480-5 | 50 |
| 6 | 17980-6 | 17480-6 | 50 |
| 7 | 17980-7 | 17480-7 | 50 |
| 8 | 17980-8 | 17480-8 | 50 |
| 9 | 17980-9 | 17480-9 | 50 |
| A | 17980-A | 17480-A | 50 |
| B | 17980-B | 17480-B | 50 |
| C | 17980-C | 17480-C | 50 |
| D | 17980-D | 17480-D | 50 |
| E | 17980-E | 17480-E | 50 |
| F | 17980-F | 17480-F | 50 |
| G | 17980-G | 17480-G | 50 |
| H | 17980-H | 17480-H | 50 |
| I | 17980-I | 17480-I | 50 |
| J | 17980-J | 17480-J | 50 |
| K | 17980-K | 17480-K | 50 |
| L | 17980-L | 17480-L | 50 |
| M | 17980-M | 17480-M | 50 |
| N | 17980-N | 17480-N | 50 |
| O | 17980-O | 17480-O | 50 |
| P | 17980-P | 17480-P | 50 |
| Q | 17980-Q | 17480-Q | 50 |
| R | 17980-R | 17480-R | 50 |
| S | 17980-S | 17480-S | 50 |
| T | 17980-T | 17480-T | 50 |
| U | 17980-U | 17480-U | 50 |
| V | 17980-V | 17480-V | 50 |
| W | 17980-W | 17480-W | 50 |
| X | 17980-X | 17480-X | 50 |
| Y | 17980-Y | 17480-Y | 50 |
| Z | 17980-Z | 17480-Z | 50 |
| | 17980- | 17480- | 50 |
| + | 17980-PLS | 17480-PLS | 50 |
| - | 17980-MNS | 17480-MNS | 50 |
| ~ | 17980-AC | 17480-AC | 50 |
| / | 17980-STK | 17480-STK | 50 |
| . | 17980-DOT | 17480-DOT | 50 |
| ⏚ | 17980-GND | 17480-GND | 50 |
| : | 17980-CLN | 17480-CLN | 50 |

RETROFIT? INDISPENSABLE!

Directly on cable.

applicator STM-21 990105..... page 116








CEMBRE

# SM-24

## *Snap on cable markers*

*alphanumeric*

Loose cable markers.



**Material:** POM – Acetylic Resin dimensionally stable to +106°C, nondegradable and nondeformable to -40°C, Halogen Free.

Resistant to oil, Grease, Chemical and Atmospheric Agents, Detergents, Oxalic Acids, Alkaline Solutions and Organic and Inorganic Chemical Substances. High elasticity combined with high rigidity, for optimal grip on the conductor.

**Cable ext. Ø range 15 ÷ 19 mm**

**C.s.a range 70 ÷ 120 mm²**

POM HF -40°C +106°C RoHS COMPLIANT 2011/65/EU

| Printed | Type white | Type yellow | Quantity bag |
|---|---|---|---|
| 0 | 17990-0 | 17490-0 | 50 |
| 1 | 17990-1 | 17490-1 | 50 |
| 2 | 17990-2 | 17490-2 | 50 |
| 3 | 17990-3 | 17490-3 | 50 |
| 4 | 17990-4 | 17490-4 | 50 |
| 5 | 17990-5 | 17490-5 | 50 |
| 6 | 17990-6 | 17490-6 | 50 |
| 7 | 17990-7 | 17490-7 | 50 |
| 8 | 17990-8 | 17490-8 | 50 |
| 9 | 17990-9 | 17490-9 | 50 |
| A | 17990-A | 17490-A | 50 |
| B | 17990-B | 17490-B | 50 |
| C | 17990-C | 17490-C | 50 |
| D | 17990-D | 17490-D | 50 |
| E | 17990-E | 17490-E | 50 |
| F | 17990-F | 17490-F | 50 |
| G | 17990-G | 17490-G | 50 |
| H | 17990-H | 17490-H | 50 |
| I | 17990-I | 17490-I | 50 |
| J | 17990-J | 17490-J | 50 |
| K | 17990-K | 17490-K | 50 |
| L | 17990-L | 17490-L | 50 |
| M | 17990-M | 17490-M | 50 |
| N | 17990-N | 17490-N | 50 |
| O | 17990-O | 17490-O | 50 |
| P | 17990-P | 17490-P | 50 |
| Q | 17990-Q | 17490-Q | 50 |
| R | 17990-R | 17490-R | 50 |
| S | 17990-S | 17490-S | 50 |
| T | 17990-T | 17490-T | 50 |
| U | 17990-U | 17490-U | 50 |
| V | 17990-V | 17490-V | 50 |
| W | 17990-W | 17490-W | 50 |
| X | 17990-X | 17490-X | 50 |
| Y | 17990-Y | 17490-Y | 50 |
| Z | 17990-Z | 17490-Z | 50 |
| | 17990- | 17490- | 50 |
| + | 17990-PLS | 17490-PLS | 50 |
| - | 17990-MNS | 17490-MNS | 50 |
| ~ | 17990-AC | 17490-AC | 50 |
| / | 17990-STK | 17490-STK | 50 |
| . | 17990-DOT | 17490-DOT | 50 |
| ⏚ | 17990-GND | 17490-GND | 50 |
| : | 17990-CLN | 17490-CLN | 50 |

RETROFIT? INDISPENSABLE!

## *Applicators*

*for loose cable markers*



| Family | Type | For snap | Quantity |
|---|---|---|---|
| STM-15 | 990103 | SM-15 | 1 |
| STM-17 | 990104 | SM-17 | 1 |
| STM-21 | 990105 | SM-21 | 1 |
| STM-24 | 990106 | SM-24 | 1 |

Directly on cable.

applicator STM-24 990106..... page 110



# ACCESSORIES

## *Marking system accessories*

Choose from the following accessories to complete, enhance or protect the printed media.

- *transparent holders for cable tags,*
- *push button legend bases to fit the leading brands,*
- *cable ties,*
- *legend mounting rail,*
- *marker plate and legend strip covers*

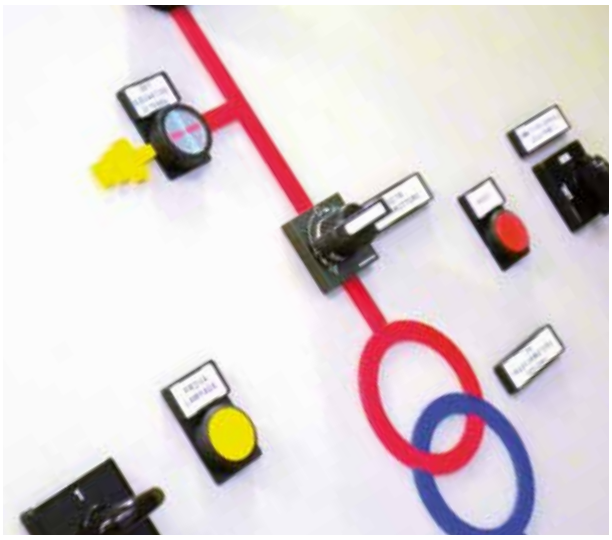


### TRANSPARENT HOLDERS FOR CABLE TAGS

Holders are pushed directly on to smaller diameter cables, tubing and pipe or fixed with cable ties to larger diameters.

Self adhesive versions may be affixed directly to equipment.

Some types and sizes are available in Halogen Free material.



### CABLE TIES

Tie on cable markers, holders and dog tags are firmly fixed, with Cembre G range cable ties, to larger diameter cables & pipes and diverse valves, tappings, etc.

### PUSH BUTTON & LEGEND BASES

Designed to fit all major brands, quick- fitting Cembre push button bases with printed legends, both enhance aesthetic qualities and allow transparent covers to be used to increase environmental protection.




### MARKER PLATE COVERS

Transparent Polycarbonate covers with pre-drilled fixing holes add extra protection to printed panel plates in aggressive environments.

### LEGEND MOUNTING RAIL AND COVERS

9 mm and 15 mm high legends are easily and quickly slotted in to rails for the identification of banks of product.

Rails may be cut and either drilled or stuck to suitable surfaces while optional transparent covers increase environmental protection where appropriate.

# PMF

## *Transparent tag holders 4 mm*

*for serieFLAT cable tags 4 mm*

PMF holders are specifically designed to accommodate pairs of appropriately sized cables.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| | Cable ext.Ø range mm | Cable c.s.a range mm² | Family | Length mm | Type | Quantity |
|---|---|---|---|---|---|---|
|  | 1,3 ÷ 2,2 | 0,25 ÷ 0,5 | PMF-00 | 10 | **90000** | *8.000* |
| | | | | 12 | **90010** | *7.000* |
| | | | | 15 | **90020** | *6.000* |
| | | | | 20 | **90040** | *4.000* |
| | | | | 30 | **90070** | *2.000* |
| | | | | 40 | **90090** | *2.500* |
|  | 2 ÷ 3,7 | 0,5 ÷ 2,5 | PMF-01 | 10 | **90100** | *6.000* |
| | | | | 12 | **90110** | *5.000* |
| | | | | 15 | **90120** | *4.000* |
| | | | | 20 | **90140** | *3.000* |
| | | | | 30 | **90170** | *2.000* |
| | | | | 40 | **90190** | *1.000* |
| | | | | 1.000 | **90180** | *25* |
|  | 3,4 ÷ 4,3 | 2,5 ÷ 4 | PMF-02 | 10 | **90200** | *4.000* |
| | | | | 12 | **90210** | *4.000* |
| | | | | 15 | **90220** | *3.000* |
| | | | | 20 | **90240** | *2.000* |
| | | | | 30 | **90270** | *1.000* |
| | | | | 40 | **90290** | *1.000* |
|  | 4 ÷ 6,3 | 4 ÷ 10 | PMF-03 | 10 | **90300** | *3.000* |
| | | | | 12 | **90310** | *2.000* |
| | | | | 15 | **90320** | *2.000* |
| | | | | 20 | **90340** | *1.000* |
| | | | | 30 | **90370** | *1.000* |
| | | | | 40 | **90390** | *1.000* |

# PMF




plasticised PVC | -40°C | +80°C

RoHS COMPLIANT 2011/65/EU

| | Cable ext.Ø range mm | Cable c.s.a range mm² | Family | Length mm | Type | Quantity |
|---|---|---|---|---|---|---|
|  | 6 ÷ 10 | 10 ÷ 25 | PMF-04 | 10 | **90400** | *2.000* |
| | | | | 12 | **90410** | *1.000* |
| | | | | 15 | **90420** | *1.000* |
| | | | | 20 | **90440** | *500* |
| | | | | 30 | **90470** | *500* |
| | | | | 40 | **90490** | *500* |
|  | 9 ÷ 15 | 25 ÷ 70 | PMF-05 | 10 | **90500** | *500* |
| | | | | 12 | **90510** | *500* |
| | | | | 15 | **90520** | *250* |
| | | | | 20 | **90540** | *250* |
| | | | | 30 | **90570** | *150* |
| | | | | 40 | **90590** | *100* |
|  | 14 ÷ 26 | 70 ÷ 240 | PMF-06 | 10 | **90600** | *500* |
| | | | | 12 | **90610** | *250* |
| | | | | 15 | **90620** | *250* |
| | | | | 20 | **90640** | *100* |
| | | | | 30 | **90670** | *100* |
| | | | | 40 | **90690** | *100* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

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cable tags, 4 mm TPM-ROLL ..... page 62





CEMBRE

# PMF-HF

## *Transparent tag holders - Halogen Free*

*for serieFLAT cable tags 4 mm*

PMF holders are specifically designed to accommodate pairs of appropriately sized cables.




**Material:** Copolymer EVA, self extinguishing to class HB: according to UL 94 Halogen Free

**Operating temperature range:** -40°C to +80°C

EVA HF -40°C +80°C RoHS COMPLIANT 2011/65/EU

| | Cable ext.Ø range mm | Cable c.s.a range mm² | Family | Length mm | Type | Quantity |
|---|---|---|---|---|---|---|
|  | 1,3 ÷ 2,2 | 0,25 ÷ 0,5 | PMF-00-HF | 10 | 90000-HF | 8.000 |
| | | | | 12 | 90010-HF | 7.000 |
| | | | | 15 | 90020-HF | 6.000 |
| | | | | 20 | 90040-HF | 4.000 |
|  | 2 ÷ 3,7 | 0,5 ÷ 2,5 | PMF-01-HF | 10 | 90100-HF | 6.000 |
| | | | | 12 | 90110-HF | 5.000 |
| | | | | 15 | 90120-HF | 4.000 |
| | | | | 20 | 90140-HF | 3.000 |
| | | | | 30 | 90170-HF | 2.000 |
|  | 3,4 ÷ 4,3 | 2,5 ÷ 4 | PMF-02-HF | 10 | 90200-HF | 4.000 |
| | | | | 12 | 90210-HF | 4.000 |
| | | | | 15 | 90220-HF | 3.000 |
| | | | | 20 | 90240-HF | 2.000 |
| | | | | 30 | 90270-HF | 1.000 |
|  | 4 ÷ 6,3 | 4 ÷ 10 | PMF-03-HF | 10 | 90300-HF | 3.000 |
| | | | | 12 | 90310-HF | 2.000 |
| | | | | 15 | 90320-HF | 2.000 |
| | | | | 23 | 90340-HF | 1.000 |
| | | | | 30 | 90370-HF | 1.000 |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

cable tags, 4 mm MG-TPMF ..... page 12
cable tags, 4 mm TPM-ROLL ..... page 62

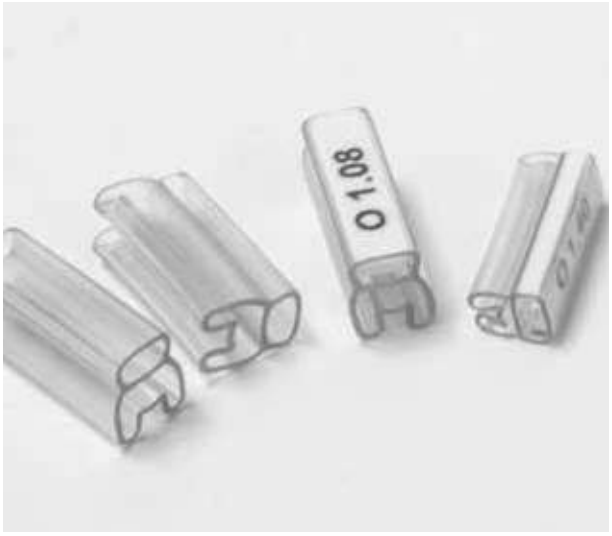


# PM

## *Transparent tag holders 4 mm*

*for cable tags 4 mm*

PM holders are profiled to allow each type to accommodate a range of cable sizes.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C

RoHS COMPLIANT 2011/65/EU

| | Cable ext.Ø range mm | Cable c.s.a range mm² | Family | Length mm | Type | Quantity |
|---|---|---|---|---|---|---|
|  | 1,3 ÷ 2,2 | 0,25 ÷ 0,5 | PM-00 | 10 | **50000** | *8.000* |
| | | | | 10 | **50002** | *2.000* |
| | | | | 12 | **50010** | *7.000* |
| | | | | 12 | **50012** | *2.000* |
| | | | | 15 | **50020** | *6.000* |
| | | | | 15 | **50022** | *2.000* |
| | | | | 18 | **50032** | *1.000* |
| | | | | 21 | **50042** | *1.000* |
| | | | | 23 | **50052** | *1.000* |
| | | | | 27 | **50062** | *1.000* |
| | | | | 30 | **50072** | *500* |
| | | | | 1.000 | **50080** | *10* |
|  | 2 ÷ 3,7 | 0,5 ÷ 2,5 | PM-01 | 10 | **50100** | *6.000* |
| | | | | 10 | **50102** | *2.000* |
| | | | | 12 | **50110** | *5.000* |
| | | | | 12 | **50112** | *1.000* |
| | | | | 15 | **50120** | *4.000* |
| | | | | 15 | **50122** | *1.000* |
| | | | | 18 | **50130** | *3.000* |
| | | | | 21 | **50140** | *3.000* |
| | | | | 23 | **50150** | *2.000* |
| | | | | 27 | **50160** | *2.000* |
| | | | | 30 | **50170** | *1.000* |
| | | | | 1.000 | **50180** | *10* |

# PM

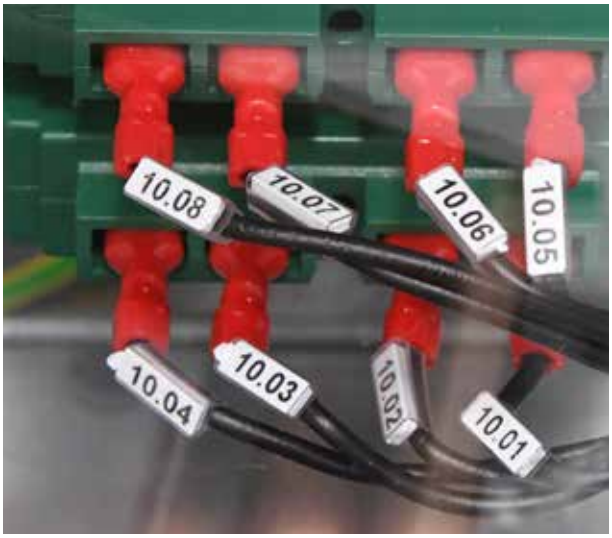
## *Transparent tag holders 4 mm*

*for cable tags 4 mm*

plasticised PVC | -40°C | +80°C | RoHS COMPLIANT 2011/65/EU

| | Cable ext.Ø range mm | Cable c.s.a range mm² | Family | Length mm | Type | Quantity |
|---|---|---|---|---|---|---|
|  | 3,4 ÷ 4,3 | 2,5 ÷ 4 | PM-02 | 10 | **50200** | *4.000* |
| | | | | 10 | **50202** | *1.000* |
| | | | | 12 | **50210** | *4.000* |
| | | | | 12 | **50212** | *1.000* |
| | | | | 15 | **50220** | *3.000* |
| | | | | 15 | **50222** | *1.000* |
| | | | | 18 | **50230** | *2.000* |
| | | | | 21 | **50240** | *2.000* |
| | | | | 23 | **50250** | *2.000* |
| | | | | 27 | **50260** | *1.000* |
| | | | | 30 | **50270** | *1.000* |
| | | | | 1.000 | **50280** | *10* |
|  | 4 ÷ 6,3 | 4 ÷ 10 | PM-03 | 10 | **50300** | *3.000* |
| | | | | 10 | **50302** | *1.000* |
| | | | | 12 | **50310** | *2.000* |
| | | | | 12 | **50312** | *500* |
| | | | | 15 | **50320** | *2.000* |
| | | | | 15 | **50322** | *500* |
| | | | | 18 | **50330** | *1.000* |
| | | | | 21 | **50340** | *1.000* |
| | | | | 23 | **50350** | *1.000* |
| | | | | 27 | **50360** | *1.000* |
| | | | | 30 | **50370** | *500* |
| | | | | 1.000 | **50380** | *10* |
|  | 6 ÷ 10 | 10 ÷ 25 | PM-04 | 10 | **50400** | *2.000* |
| | | | | 10 | **50402** | *500* |
| | | | | 12 | **50410** | *1.000* |
| | | | | 12 | **50411** | *500* |
| | | | | 15 | **50420** | *1.000* |
| | | | | 15 | **50421** | *500* |
| | | | | 18 | **50430** | *1.000* |
| | | | | 21 | **50440** | *500* |
| | | | | 23 | **50450** | *500* |
| | | | | 27 | **50460** | *500* |
| | | | | 30 | **50470** | *500* |
| | | | | 1.000 | **50480** | *10* |

# PM




plasticised PVC | -40°C | +80°C | RoHS COMPLIANT 2011/65/EU

| | Cable ext.Ø range mm | Cable c.s.a range mm² | Family | Length mm | Type | Quantity |
|---|---|---|---|---|---|---|
|  | 9 ÷ 15 | 25 ÷ 70 | PM-05 | 10 | **50500** | *500* |
| | | | | 12 | **50510** | *500* |
| | | | | 15 | **50521** | *250* |
| | | | | 18 | **50530** | *250* |
| | | | | 21 | **50540** | *250* |
| | | | | 23 | **50550** | *250* |
| | | | | 27 | **50560** | *250* |
| | | | | 30 | **50570** | *250* |
| | | | | 1.000 | **50580** | *10* |
|  | 14 ÷ 26 | 70 ÷ 240 | PM-06 | 10 | **50600** | *500* |
| | | | | 12 | **50610** | *250* |
| | | | | 15 | **50620** | *250* |
| | | | | 18 | **50630** | *250* |
| | | | | 21 | **50640** | *100* |
| | | | | 23 | **50650** | *100* |
| | | | | 27 | **50660** | *100* |
| | | | | 30 | **50670** | *100* |
| | | | | 1.000 | **50680** | *10* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

cable tags, 4 mm MG-TPM..... page 13
markers PMP-30..... page 92





CEMBRE

# PM-HF

## *Transparent tag holders - Halogen Free*

*for cable tags 4 mm*

PMF holders are specifically designed to accommodate pairs of appropriately sized cables.




**Material:** Copolymer EVA, self extinguishing to class HB according to UL 94 Halogen Free

**Operating temperature range:** -40°C to +80°C

EVA HF -40°C +80°C RoHS COMPLIANT 2011/65/EU

| | Cable ext.Ø range mm | Cable c.s.a range mm² | Family | Length mm | Type | Quantity |
|---|---|---|---|---|---|---|
|  | 1,3 ÷ 2,2 | 0,25 ÷ 0,5 | PM-00-HF | 10 | **50002-HF** | *2.000* |
| | | | | 12 | **50012-HF** | *2.000* |
| | | | | 15 | **50022-HF** | *2.000* |
|  | 2 ÷ 3,7 | 0,5 ÷ 2,5 | PM-01-HF | 10 | **50102-HF** | *2.000* |
| | | | | 12 | **50112-HF** | *1.000* |
| | | | | 15 | **50122-HF** | *1.000* |
|  | 3,4 ÷ 4,3 | 2,5 ÷ 4 | PM-02-HF | 10 | **50202-HF** | *1.000* |
| | | | | 12 | **50212-HF** | *1.000* |
| | | | | 15 | **50222-HF** | *1.000* |
|  | 4 ÷ 6,3 | 4 ÷ 10 | PM-03-HF | 10 | **50302-HF** | *1.000* |
| | | | | 12 | **50312-HF** | *500* |
| | | | | 15 | **50322-HF** | *500* |
| | | | | 23 | **50350-HF** | *1.000* |
| | | | | 30 | **50370-HF** | *500* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

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markers PMP-30..... page 92



# PM-L

## *Transparent tag holders - Light*

*for cable tags 4 mm*

PM-L holders are thinner than PM versions and specifically designed to accommodate pairs of appropriately sized cables.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| | Cable ext.Ø range mm | Single cable c.s.a range mm² | Double cable c.s.a range mm² | Family | Length mm | Type | Quantity |
|---|---|---|---|---|---|---|---|
|  | 2,1 ÷ 3,5 | 0,5 ÷ 2,5 | 0,25 ÷ 0,75 | PM-01L | 10 | **10100** | *6.000* |
| | | | | | 12 | **10110** | *5.000* |
| | | | | | 15 | **10120** | *4.000* |
| | | | | | 18 | **10130** | *3.000* |
| | | | | | 21 | **10140** | *3.000* |
| | | | | | 23 | **10150** | *2.000* |
| | | | | | 27 | **10160** | *2.000* |
| | | | | | 30 | **10170** | *1.000* |
| | | | | | 40 | **10190** | *1.000* |
| | | | | | 1.000 | **10180** | *10* |
|  | 2,6 ÷ 4,2 | 1 ÷ 4 | 0,5 ÷ 1 | PM-02L | 10 | **10200** | *4.000* |
| | | | | | 12 | **10210** | *4.000* |
| | | | | | 15 | **10220** | *3.000* |
| | | | | | 18 | **10230** | *2.000* |
| | | | | | 21 | **10240** | *2.000* |
| | | | | | 23 | **10250** | *2.000* |
| | | | | | 27 | **10260** | *1.000* |
| | | | | | 30 | **10270** | *1.000* |
| | | | | | 1.000 | **10280** | *10* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

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markers PMP-30..... page 92





CEMBRE

# PMF-AC

## *Self adhesive transparent flat tag holders*

*for serie flat cable tags 4 mm*

Self adhesive tag holders for surface mounting.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| | Length mm | Type | Quantity |
|---|---|---|---|
|  | 10 | **66000N** | *5.000* |
| | 12 | **66010N** | *4.000* |
| | 15 | **66020N** | *4.000* |
| | 20 | **66040N** | *4.000* |
| | 30 | **66070N** | *2.000* |
| | 40 | **66090N** | *1.000* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

flat cable tags, 4 mm MG-TPMF ..... page 12
flat cable tags, 4 mm TPM-ROLL ..... page 62



# PMF-ET

## *Transparent flat tag holders tie-on*

*for serie flat cable tags 4 mm*

Tie on (tie width max 6 mm) for longitudinal mounting on cables, hoses, tubes and conduit.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| | Length mm | Type | For tags mm | Tie: N° x width mm | Quantity |
|---|---|---|---|---|---|
|  | 15 | **63020** | 4 x 15 | 1 x 6 mm | *2.000* |
| | 20 | **63040** | 4 x 20 | 1 x 6 mm | *1.000* |
| | 30 | **63070** | 4 x 30 | 1 x 6 mm | *1.000* |
| | 40 | **63090** | 4 x 40 | 2 x 6 mm | *500* |
|  | 20 | **64040** | 9 x 20 | 1 x 6 mm | *1.000* |
|  | 35 | **64050** | 9 x 35 | 2 x 6 mm | *500* |
|  | 17 | **65000** | 15 x 17 | 1 x 6 mm | *500* |
| | 27 | **65010** | 15 x 27 | 1 x 6 mm | *500* |
|  | 49 | **65020** | 15 x 49 | 2 x 6 mm | *250* |
| | 67 | **65030** | 15 x 67 | 2 x 6 mm | *250* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

flat cable tags, 4 mm MG-TPMF ..... page 12
flat cable tags, 4 mm TPM-ROLL ..... page 62
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CEMBRE

# PM-AC

## *Self adhesive transparent tag holders*

*for cable tags 4 mm*

Self adhesive tag holders for surface mounting.



**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| | Length mm | Type | Quantity |
|---|---|---|---|
|  | 10 | **51000N** | *5.000* |
| | 12 | **51010N** | *4.000* |
| | 15 | **51020N** | *4.000* |
| | 18 | **51030N** | *3.000* |
| | 21 | **51040N** | *2.000* |
| | 23 | **51050N** | *2.000* |
| | 27 | **51060N** | *2.000* |
| | 30 | **51070N** | *2.000* |
| | 1.000 | **51080N** | *10* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

cable tags, 4 mm MG-TPM..... page 13



# PM-ET

## *Transparent tag holders tie-on*

*for cable tags 4 mm*

Tie on (tie width max 6 mm) for longitudinal mounting on cables, hoses, tubes and conduit.



**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU



| Length mm | Type | Tie: N° x width mm | Quantity |
|---|---|---|---|
| 12 | **53010** | 1 x 6 mm | *2.000* |
| 15 | **53020** | 1 x 6 mm | *2.000* |
| 18 | **53030** | 1 x 6 mm | *1.000* |
| 21 | **53040** | 1 x 6 mm | *1.000* |
| 23 | **53050** | 1 x 6 mm | *1.000* |
| 27 | **53060** | 1 x 6 mm | *1.000* |
| 30 | **53070** | 1 x 6 mm | *1.000* |
| 40 | **53090** | 2 x 6 mm | *500* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

cable tags, 4 mm MG-TPM..... page 13
cable ties..... page 135





CEMBRE

# PM-DT

## *Transparent tag holders tie-on*

*for cable tags 4 mm*

Tie on (tie width max 6 mm) for longitudinal mounting on cables, hoses, tubes and conduit.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS CONFORMANT 2011/65/EU



| Length mm | Type | Max width cable tie mm | Quantity |
|---|---|---|---|
| 10 | **55000** | 4,8 | *7.000* |
| 12 | **55010** | | *6.000* |
| 15 | **55020** | | *5.000* |
| 18 | **55030** | | *3.000* |
| 21 | **55040** | | *3.000* |
| 23 | **55050** | | *3.000* |
| 27 | **55060** | | *2.000* |
| 30 | **55070** | | *2.000* |
| 1000 | **55080** | | *10* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

cable tags, 4 mm MG-TPM..... page 13
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# PMT-AC

## *Self adhesive transparent legend holders 9 & 15 mm*

*for cable tags 9 & 15 mm*

Self adhesive for surface mounting of 9 & 15 mm legends.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| | Length mm | Type | For tags mm | Quantity |
|---|---|---|---|---|
|  | 20 | **59042N** | 9 | *500* |
| | 35 | **59050N** | 9 | *500* |
| | 1.000 | **59070N** | 9 | *10* |
|  | 17 | **59002N** | 15 | *500* |
| | 27 | **59010N** | 15 | *1.000* |
| | 49 | **59020N** | 15 | *500* |
| | 67 | **59030N** | 15 | *250* |
| | 1.000 | **59060N** | 15 | *10* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

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cable tags, 9 mm MG-TAPW ..... page 28





CEMBRE

# PMT-DT

## *Transparent legend holders tie-on 9 & 15 mm*

*for cable tags 9 & 15 mm*

Tie on for longitudinal mounting on cables, hoses, tubes and conduit.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| | Length mm | Type | For tags mm | Max width cable tie mm | Quantity |
|---|---|---|---|---|---|
|  | 20 | **60042** | 9 | 9 | *500* |
| | 35 | **60050** | | | *1.000* |
| | 1.000 | **60070** | | | *10* |
|  | 17 | **60002** | 15 | 12,6 | *500* |
| | 27 | **60012** | | | *500* |
| | 49 | **60020** | | | *250* |
| | 67 | **60030** | | | *500* |
| | 1.000 | **60060** | | | *10* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

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cable tags, 9 mm MG-TAPW ..... page 28
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# PMT-CT

## *Transparent legend holders tie-on 9 mm*

*for cable tags 9 mm*

Tie on (tie width max 6 mm) for longitudinal mounting on cables, hoses, tubes and conduit.




**Material:** plasticised PVC, self extinguishing to class V0 according to UL94, free of Cadmium, Lead, Silicon and Teflon. Resistant to Alkali, Alcohol, Acid and many Solvents.

**Operating temperature range:** -40°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| | Family | Length mm | Type | For tags mm | Tie: N° x width mm | Quantity |
|---|---|---|---|---|---|---|
|  | PMT-CT | 40 | **54015** | 9 | 2 x 4,8 mm | *500* |
| | | 55 | **54013** | 9 | 2 x 4,8 mm | *500* |
| | | 90 | **54014** | 9 | 2 x 4,8 mm | *250* |

It is advisable to select the holder size based on the actual external diameter of the cable rather than its indicative c.s.a, due to variations in insulation thickness and conductor format.
Consult us for holders in other lengths.
**Use holders only with designated cable tags of the same length.**

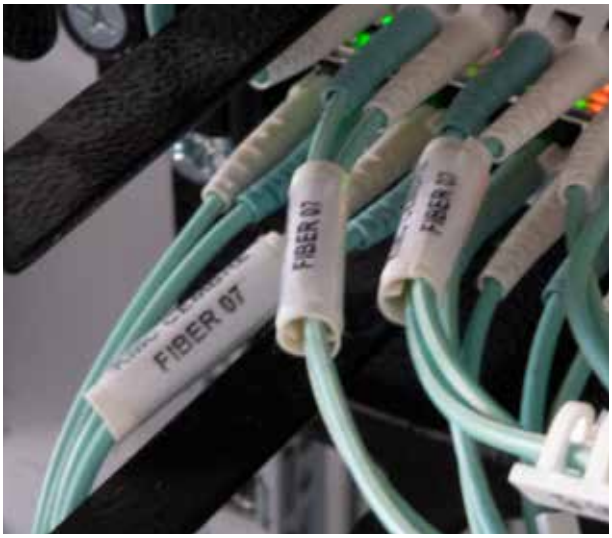
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CEMBRE

# KMC




## *Holders*

*for electrical cables and optic fiber*

The holder KMC are suitable to facilitate the wrap around of the labels KM-ROLL and MG-KMP for identifying small diameter optic fiber cable.

They are made of soft PVC, and are the ideal accessory to enclose the optic fiber cable, following its natural conformation without damaging its structure, thanks to the particular internal flexible flaps.

The characteristic longitudinal slot allows to apply the KMC holder on the cable even when wiring is completed, facilitating maintenance on it.

**Material:** PVC plasticised, Self extinguishing class V0 according to UL94

**Operating temperature range:** -30°C to +80°C

plasticised PVC | - 40°C | + 80°C | RoHS COMPLIANT 2011/65/EU

| Family | Cable ext. Ø range mm | Type white | Diameter mm | Length mm | Quantity |
|---|---|---|---|---|---|
| KMC | 1 ÷ 4 | **KMC 1-26** | 4,5 | 26 | *1.000/100* |
| | 4 ÷ 6 | **KMC 4-26** | 6,5 | | *1.000/100* |

## RETROFIT? INDISPENSABLE!



INSERT




FIX




WRAP

Directly on cables, etc in accordance with rapping diameter limitations shown for each size.

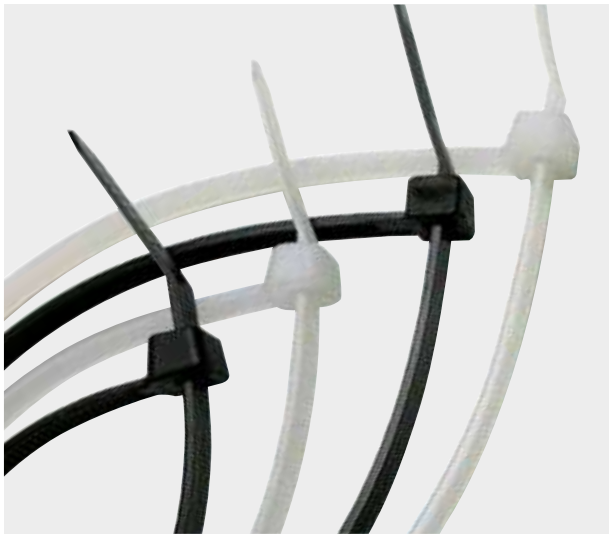
wraparound MG-KMP ..... pag. 18
wraparound KM-ROLL ..... pag. 63



# Serie G

## *Polyamide PA6.6 Cable ties*

Ideal for securing tie-on tags, labels and holders to electrical wiring, pipes and conduit. Black ties have a higher UV resistance due to increased Carbon black loading. G series ties offer rapid installation due to the low friction coefficient of the material and have an angled tongue to facilitate easy introduction into the buckle. Rounded corners for increased safety.



**Material:** PA6.6 Polyamide, self extinguishing class V2 according to UL 94

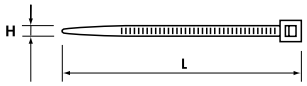
**Humidity absorption:** 2.5% (at 50% relative humidity). Resistant to Oils, Bases, Greases, Oil products, chlorinated Solvents.

**Operating temperature range:**
-40°C to +85°C (continuous)
-40°C to +120°C (short periods)

PA6.6 | - 40°C | + 85°C | RoHS COMPLIANT 2011/65/EU

| Length mm | Height mm | Type | | Ø max. bundle mm | Min. loop tensile strength kg | Minimum order pcs. | Quantity |
|---|---|---|---|---|---|---|---|
| | | natural | black | | | | |
| 80 | 2,4 | G80X2.4 | G80X2.4N | 15 | 8 | 1.000 | 100 |
| 80 | 2,4 | G80X2.4/M | G80X2.4N/M | 15 | 8 | 1.000 | 1.000 |
| 90 | 2,4 | G90X2.4 | G90X2.4N | 16 | 8 | 1.000 | 100 |
| 100 | 2,5 | G100X2.5 | G100X2.5N | 22 | 8 | 1.000 | 100 |
| 100 | 2,5 | G100X2.5/M | G100X2.5N/M | 22 | 8 | 1.000 | 1.000 |
| 120 | 2,5 | G120X2.5 | G120X2.5N | 30 | 8 | 1.000 | 100 |
| 140 | 2,5 | G140X2.5 | G140X2.5N | 33 | 8 | 1.000 | 100 |
| 140 | 2,5 | G140X2.5/M | G140X2.5N/M | 33 | 8 | 1.000 | 1.000 |
| 160 | 2,5 | G160X2.5 | G160X2.5N | 40 | 8 | 1.000 | 100 |
| 160 | 2,5 | G160X2.5/M | G160X2.5N/M | 40 | 8 | 1.000 | 1.000 |
| 200 | 2,5 | G200X2.5 | G200X2.5N | 53 | 8 | 1.000 | 100 |
| 200 | 2,5 | G200X2.5/M | G200X2.5N/M | 53 | 8 | 1.000 | 1.000 |
| 250 | 2,8 | G250X2.8 | G250X2.8N | 65 | 14 | 1.000 | 100 |
| 300 | 2,8 | G300X2.8 | G300X2.8N | 76 | 14 | 1.000 | 100 |
| 120 | 3,6 | G120X3.6 | G120X3.6N | 30 | 18 | 1.000 | 100 |
| 140 | 3,6 | G140X3.6 | G140X3.6N | 33 | 18 | 1.000 | 100 |
| 140 | 3,6 | G140X3.6/M | G140X3.6N/M | 33 | 18 | 1.000 | 1.000 |
| 150 | 3,6 | G150X3.6 | G150X3.6N | 35 | 18 | 1.000 | 100 |
| 180 | 3,6 | G180X3.6 | G180X3.6N | 44 | 18 | 1.000 | 100 |
| 200 | 3,6 | G200X3.6 | G200X3.6N | 53 | 18 | 1.000 | 100 |
| 200 | 3,6 | G200X3.6/M | G200X3.6N/M | 53 | 18 | 1.000 | 1.000 |
| 250 | 3,6 | G250X3.6 | G250X3.6N | 65 | 18 | 1.000 | 100 |
| 300 | 3,6 | G300X3.6 | G300X3.6N | 76 | 18 | 1.000 | 100 |
| 300 | 3,6 | G300X3.6/M | G300X3.6N/M | 76 | 18 | 1.000 | 1.000 |
| 370 | 3,6 | G370X3.6 | G370X3.6N | 102 | 18 | 1.000 | 100 |
| 120 | 4,8 | G120X4.8 | G120X4.8N | 24 | 22 | 1.000 | 100 |
| 160 | 4,8 | G160X4.8 | G160X4.8N | 38 | 22 | 1.000 | 100 |

# Serie G




PA6.6 | - 40°C | + 85°C

RoHS COMPLIANT 2011/65/EU

| Length mm | Height mm | Type | | Ø max. bundle mm | Min. loop tensile strength kg | Minimum order pcs. | Quantity |
|---|---|---|---|---|---|---|---|
| | | natural | black | | | | |
| 190 | 4,8 | G190X4.8 | G190X4.8N | 46 | 22 | 1.000 | 100 |
| 190 | 4,8 | G190X4.8/M | G190X4.8N/M | 46 | 22 | 1.000 | 1.000 |
| 200 | 4,8 | G200X4.8 | G200X4.8N | 50 | 22 | 1.000 | 100 |
| 200 | 4,8 | G200X4.8/M | G200X4.8N/M | 50 | 22 | 1.000 | 1.000 |
| 250 | 4,8 | G250X4.8/M | G250X4.8N/M | 60 | 22 | 1.000 | 1.000 |
| 250 | 4,8 | G250X4.8 | G250X4.8N | 60 | 22 | 100 | 100 |
| 280 | 4,8 | G280X4.8 | G280X4.8N | 70 | 22 | 100 | 100 |
| 300 | 4,8 | G300X4.8 | G300X4.8N | 76 | 22 | 100 | 100 |
| 370 | 4,8 | G370X4.8 | G370X4.8N | 102 | 22 | 100 | 100 |
| 390 | 4,8 | G390X4.8 | G390X4.8N | 105 | 22 | 100 | 100 |
| 430 | 4,8 | G430X4.8 | G430X4.8N | 110 | 22 | 100 | 100 |
| 450 | 4,8 | G450X4.8 | G450X4.8N | 116 | 22 | 100 | 100 |
| 530 | 4,8 | G530X4.8 | G530X4.8N | 140 | 22 | 100 | 100 |
| 150 | 7,6 | G150X7.6 | G150X7.6N | 33 | 55 | 100 | 100 |
| 200 | 7,6 | G200X7.6 | G200X7.6N | 50 | 55 | 100 | 100 |
| 250 | 7,6 | G250X7.6 | G250X7.6N | 65 | 55 | 100 | 100 |
| 300 | 7,6 | G300X7.6 | G300X7.6N | 76 | 55 | 100 | 100 |
| 370 | 7,6 | G370X7.6 | G370X7.6N | 102 | 55 | 100 | 100 |
| 430 | 7,6 | G430X7.6 | G430X7.6N | 125 | 55 | 100 | 100 |
| 530 | 7,6 | G530X7.6 | G530X7.6N | 140 | 55 | 100 | 100 |
| 430 | 9 | G430X9.0 | G430X9.0N | 110 | 80 | 100 | 100 |
| 530 | 9 | G530X9.0 | G530X9.0N | 140 | 80 | 100 | 100 |
| 710 | 9 | G710X9.0 | G7100X9.0N | 190 | 80 | 100 | 100 |
| 780 | 9 | G780X9.0 | G780X9.0N | 228 | 80 | 100 | 100 |
| 830 | 9 | G830X9.0 | G830X9.0N | 239 | 80 | 100 | 100 |
| 920 | 9 | G920X9.0 | G920X9.0N | 263 | 80 | 100 | 100 |
| 1020 | 9 | G1020X9.0 | G1020X9.0N | 295 | 80 | 100 | 100 |
| 1220 | 9 | G1220X9.0 | G1220X9.0N | 365 | 80 | 100 | 100 |
| 230 | 12,6 | G230X12.6 | G230X12.6N | 50 | 115 | 100 | 100 |
| 380 | 12,6 | G380X12.6 | | 106 | 115 | 100 | 100 |
| 480 | 12,6 | G480X12.6 | G480X12.6N | 120 | 115 | 100 | 100 |
| 580 | 12,6 | G580X12.6 | G580X12.6N | 152 | 115 | 100 | 100 |
| 730 | 12,6 | G730X12.6 | G730X12.6N | 204 | 115 | 100 | 100 |
| 880 | 12,6 | G880X12.6 | G880X12.6N | 248 | 115 | 100 | 100 |
| 1030 | 12,6 | G1030X12.6 | G1030X12.6N | 295 | 115 | 100 | 100 |

Check max tie width (dimension H) for the tag or holder used.

cable&conduit tags MG-ETF ..... page 16
dog tags MG-DOG ..... page 30
cable&conduit tags ETF-ROLL ..... page 65
cable&conduit tags MS-ETF ..... page 101
transparent flat tag holders, 4 mm ..... page 118
transparent tag holders, 4 mm ..... page 121
transparent legend holders, 15 & 9 mm ..... page 131



# Serie G FH

## *Polyamide PA6.6 Cable ties*

Ideal for securing tie on tags, labels and holders to electrical wiring, pipes and conduit. Black ties have a higher UV resistance due to increased Carbon black loading. G series ties offer rapid installation due to the low friction coefficient of the material and have an angled tongue to facilitate easy introduction into the buckle. Rounded corners for increased safety. Quick and easy identification of bundled conductors. May also be marked with MG-VYT adhesive PVC film labels.




**Material:** PA6.6 Polyamide, self extinguishing class V2 according to UL 94

**Humidity absorption:** 2.5% (at 50% relative humidity) Resistant to Oils, Bases, Greases, Oil products, chlorinated Solvents.

**Operating temperature range:**

-40°C to +85°C (continuous)
-40°C to +120°C (short periods)

PA6.6 | - 40°C | + 85°C | RoHS COMPLIANT 2011/65/EU

| Length mm | Height mm | Type natural | Ø max. bundle mm | Min. loop tensile strength kg | Quantity |
|---|---|---|---|---|---|
| 100 | 2,5 | **GFH100X2.5** | 18 | 8,1 | *100* |
| 112 | 2,5 | **GFHT112X2.5** | 18 | 8,1 | *100* |









## *Installation tools*

*for Plastic cable ties*

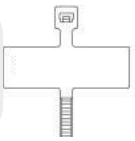



RoHS COMPLIANT 2011/65/EU

| Type | Description | Length mm | Weight kg | Cable tie width mm | Quantity |
|---|---|---|---|---|---|
| **5313022048** | automatic cutting | 165 | 0,2 | 2.2 to 4.8 | 1 |
| **5523036090** | manual cutting | 195 | 0,3 | 4.8 to 9 | 1 |

Check max tie width (dimension H) for the tag or holder used.
Directly on suitable surface.

Labels MG-VYT 8x21 & 9x20 mm..... page 34





CEMBRE

# Serie GX

## *Stainless Steel AISI 304 cable ties*



Unique ball locking mechanism that allows simple and rapid installation and secure locking.

High tensile strength.

Nonflammability.

**Material:** Stainless Steel AISI 304

High resistance to Acetic Acid, Alkalies, Sulphuric Acid, Corrosion, etc. In general very resistant to most hostile environments.

**Operating temperature range:** -80°C to +500°C

Stainless Steel AISI | -80°C | +500°C | RoHS COMPLIANT 2011/65/EU

| Length mm | Height mm | Type | Ø max. bundle mm | Min. loop tensile strength kg | Quantity |
|---|---|---|---|---|---|
| 200 | 4,5 | **GX200X4.5** | 50 | 46 | *100* |
| 300 | | **GX300X4.5** | 76 | 46 | *100* |
| 370 | | **GX370X4.5** | 102 | 46 | *100* |
| 520 | | **GX520X4.5** | 156 | 46 | *100* |
| 370 | 7,9 | **GX370X7.9** | 102 | 114 | *100* |
| 680 | | **GX680X7.9** | 207 | 114 | *100* |
| 1020 | | **GX1020X7.9** | 312 | 114 | *100* |




## 5527030079



Per fascette con larghezza fino a 7,9 mm
Completa di dispositivo di taglio
Peso: 0,56 Kg
Lunghezza: 180 mm

Check max tie width (dimension H) for the tag or holder used.

Aluminium plates GMC-AL ..... page 77
Stainless Steel tie-on tags SMP ..... page 86



# GXAC

## *Insulated Stainless Steel INOX AISI 316 cable ties*

*Polyester coated*

STAINLESS STEEL AISI 316 cable ties for the most corrosive environments, coated with Polyester for better outdoor use. Smooth surface and rounded edges to ensure cable protection and user safety.

Equipped with an original ball-type closing mechanism that allows an easy and fast installation and prevents re-opening.

High resistance to acetic and sulfuric acids, to alkaline products and resistant to corrosion in the most adverse environments.

High tensile strength. Nonflammability.



**Material:** AISI 316 Stainless steel, Polyester coated

**Operating temperature range:** -40°C to +150°C

Stainless Steel AISI | - 40°C | + 150°C | RoHS COMPLIANT 2011/65/EU

| Length mm | Width mm | Type | Ø max. bundle mm | Min. loop tensile strength kg | Quantity |
|---|---|---|---|---|---|
| 125 | 4,6 | **GXAC125X4.6** | 38,0 | 46 | *100* |
| 150 | | **GXAC150X4.6** | 46,0 | | *100* |
| 200 | | **GXAC200X4.6** | 61,9 | | *100* |
| 260 | | **GXAC260X4.6** | 81,0 | | *100* |
| 290 | | **GXAC290X4.6** | 90,6 | | *100* |
| 360 | | **GXAC360X4.6** | 112,8 | | *100* |
| 520 | | **GXAC520X4.6** | 163,8 | | *100* |
| 680 | | **GXAC680X4.6** | 214,8 | | *100* |
| 840 | | **GXAC840X4.6** | 265,7 | | *100* |
| 200 | 7,9 | **GXAC200X7.9** | | 114 | *100* |
| 290 | | **GXAC290X7.9** | | | *100* |
| 360 | | **GXAC360X7.9** | | | *100* |
| 520 | | **GXAC520X7.9** | | | *100* |
| 680 | | **GXAC680X7.9** | | | *100* |
| 840 | | **GXAC840X7.9** | | | *100* |

Aluminium mounting plates GMC-AL ..... page 77
Stainless Steel tie-on tags SMP ..... page 86





CEMBRE

# PTP

## *Push button legend bases*

*for Ø 22,5mm manual operators*

Ø 22.5mm black push button legend bases to fit a wide range of popular brands.

All types have a hole behind the legend for rivet fixing, while PTP...A types are adhesive backed.

All types suit MG-TAP 15x27 mm legends and can be fitted with a transparent legend cover TAP-CCS 990521 or MG-TAP-HF 990510.




**Material:** Polycarbonate, self extinguishing class V0 according to UL 94

**Operating temperature range:**

-40°C to +115°C (continuous)

-40°C to +130°C (short periods)

PC | -40°C | +115°C | RoHS COMPLIANT 2011/65/EU

| | Family | Self-adhesive | rivet fixing | Size mm | Type black | Ø bottom | Size of printed plate and protection mm | Application | Quantity |
|---|---|---|---|---|---|---|---|---|---|
|  | PTPS-22 | | ✓ | 48 x 30 | 34002 | 22,5 | 15 x 27 | | 100 |
| | PTPSA-22 | ✓ | | 48 x 30 | 34602 | 22,5 | 15 x 27 | | 100 |
|  | PTPS-24 | | ✓ | 48 x 30 | 68002 | 24 | 15 x 27 | Schneider Electric | 100 |
| | PTPSA-24 | ✓ | | 48 x 30 | 68602 | 24 | 15 x 27 | Schneider Electric | 100 |
|  | PTPO-22 | | ✓ | 48 x 30 | 34802 | 22,5 | 15 x 27 | | 100 |
| | PTPOA-22 | ✓ | | 48 x 30 | 34902 | 22,5 | 15 x 27 | | 100 |
|  | PTPR-22 | | ✓ | 48 x 30 | 34102 | 22,5 | 15 x 27 | | 100 |
| | PTPRA-22 | ✓ | | 48 x 30 | 34702 | 22,5 | 15 x 27 | | 100 |



SELF ADHESIVE



RIVET FIXING

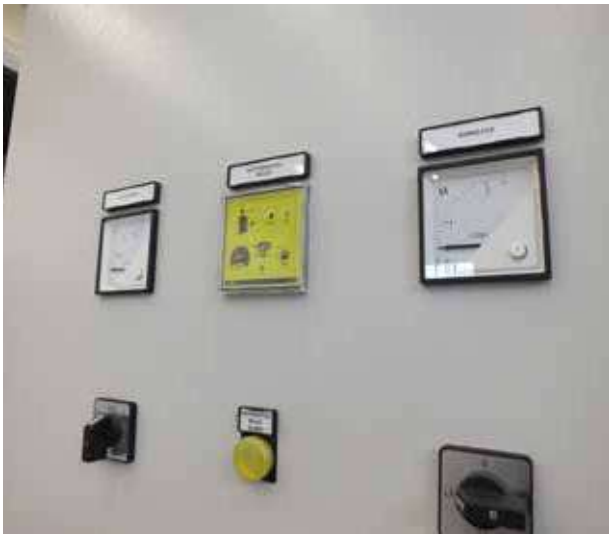
legends 15x27 mm MG-TAP ..... page 26
cable ties ..... page 135
cover TAP-CCS..... page 142

## *Legend bases*

*for general purpose applications*

PLR legend bases may be fixed to flat surfaces by rivet or in some sizes, by cable tie to tubes, conduits, etc.

PLA versions are self adhesive. TAP-CCS transparent covers may be fitted to protect the legends.



**Material:** Polycarbonate, self extinguishing class V0 according to UL 94

**Operating temperature range:**

-40°C to +115°C (continuous)

-40°C to +130°C (short periods

PC - 40°C + 115°C

RoHS COMPLIANT 2011/65/EU

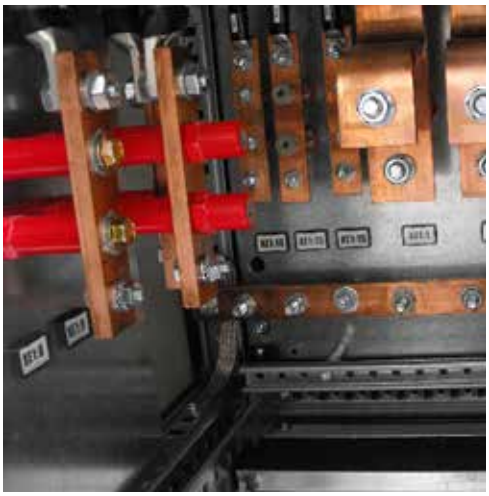
| Family | self-adhesive | rivet fixing | Size mm | Type black | Hole spacing mm | For MG-TAP size mm | Quantity |
|---|---|---|---|---|---|---|---|
| PLR | | ✓ | 17 x 20 | **34202** | | 15 x 17 | *100* |
| | | ✓ | 17 x 30 | **34302** | | 15 x 27 | *100* |
| | | ✓ | 17 x 52 | **34402** | 41 | 15 x 49 | *100* |
| | | ✓ | 17 x 70 | **34502** | 51 | 15 x 67 | *100* |
| PLA | ✓ | | 17 x 20 | **35002N** | | 15 x 17 | *100* |
| | ✓ | | 17 x 30 | **35102N** | | 15 x 27 | *100* |
| | ✓ | | 17 x 52 | **35202N** | 41 | 15 x 49 | *100* |
| | ✓ | | 17 x 70 | **35302N** | 51 | 15 x 67 | *100* |



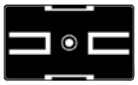
SELF ADHESIVE



RIVET FIXING



legends, 15 mm MG-TAP ..... page 26
cable ties ..... page 135
covers TAP-CCS ..... page 142



# TAP-CCS

## *Transparent covers*

For fitting over MG-TAP legends in bases PL and PTP to optimise protection and improve life expectancy.



**Material:** Polycarbonate, self extinguishing class V0 according to UL 94

**Operating temperature range:**

-40°C to +115°C (continuous)

-40°C to +130°C (short periods)

PC - 40°C + 115°C

RoHS COMPLIANT 2011/65/EU

| Size mm | Type | Quantity |
|---|---|---|
| 15 x 17 | **990520** | *540* |
| 15 x 27 | **990521** | *360* |
| 15 x 49 | **990522** | *100* |
| 15 x 67 | **990523** | *90* |

push button legend bases PTP..... page 140
legend bases PL..... page 141
legends rails RT..... page 144

# CPT

## *Transparent covers*

*for panel plates*

For fitting over MG-VRT plates to optimise protection and improve life expectancy.



**Material:** Polycarbonate, self extinguishing class V0 according to UL 94

**Operating temperature range:**

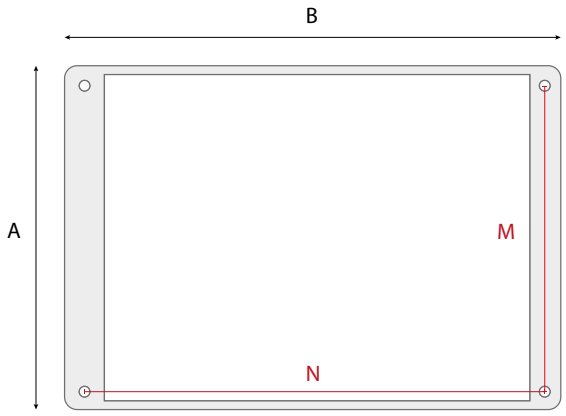
-40°C to +115°C (continuous)

-40°C to +130°C (short periods)

PC | - 40°C | + 115°C

RoHS COMPLIANT 2011/65/EU

| Size AxB mm | Thickness mm | Type | Ø holes mm | Holes spacing mm | | Panel plate size mm | Quantity |
|---|---|---|---|---|---|---|---|
| | | | | M | N | | |
| 37 x 79 | 4,2 | **47590** | 3 | 27 | 69 | 32 x 58 | *200/10* |
| 47 x 98 | 4,2 | **47591** | 3 | 37 | 89 | 42 x 78 | *120/10* |
| 57 x 127 | 4,2 | **47592** | 3 | 47 | 117 | 52 x 107 | *80/10* |
| 65 x 120 | 4,2 | **47596** | 3 | 55 | 110 | 60 x 100 | *10* |
| 67 x 109 | 4,2 | **47594** | 3 | 57 | 99 | 62 x 88 | *80/10* |
| 97 x 140 | 4,2 | **47593** | 3 | 87 | 129 | 92 x 118 | *40/10* |
| 108 x 160 | 4,2 | **47595** | 3 | 97 | 149 | 102 x 138 | *40/10* |




panel plates MG-VRT ..... page 46



CEMBRE

# RT-TAP

## Legend rail, 15 mm



Legend rails provide an alternative to direct marking on components.

**Material:** Rigid dielectric high impact PVC.

Lead free, self extinguishing class V0 according to UL 94, resistant to Acid, Alcohol, Solvents.

Non-deformable up to +90°C

**Application temperature range:** +10°C to +40°C



PVC + 90°C

RoHS COMPLIANT 2011/65/EU

| Family | self-adhesive | pre-drilled | Length mm | Type | | Quantity |
|---|---|---|---|---|---|---|
| | | | | black | grey | |
| RTR-TAP | | ✓ | 430 | 990454 | 990452 | 25 |
| | | ✓ | 650 | 990664 | 990662 | 25 |
| | | ✓ | 1.000 | 990524 | 990502 | 25 |
| RTA-TAP | ✓ | | 430 | 990455N | 990453N | 25 |
| | ✓ | | 650 | 990665N | 990663N | 25 |
| | ✓ | | 1.000 | 990525N | 990503N | 25 |

## Transparent protective covers, 15 mm



| Family | Length mm | Type | Quantity |
|---|---|---|---|
| RT-CCP | 430 | 990456 | 25 |
| | 650 | 990666 | 25 |
| | 1.000 | 990504 | 25 |

## Transparent protective strip, 15 mm



| Family | Length mm | Type | Quantity |
|---|---|---|---|
| RT-CCPS | 430 | 990457 | 25 |
| | 650 | 990667 | 25 |
| | 1.000 | 990735 | 25 |

legends, 15 mm MG-TAP ..... page 26

modular legends MG-17.5-R ..... page 41
modular legend strips STRIP-ROLL ..... page 69



# RT-TAPW

## Legend rail, 9 mm

Legend rails provide an alternative to direct marking on components.

**Material:** Rigid dielectric high impact PVC.

Lead free, self extinguishing class V0 according to UL 94, resistant to Acid, Alcohol, Solvents.

Non-deformable up to +90°C

**Application temperature range:** +10°C to +40°C





PVC + 90°C

RoHS COMPLIANT 2011/65/EU

| Family | self-adhesive | pre-drilled | Length mm | Type | | Quantity |
|---|---|---|---|---|---|---|
| | | | | black | grey | |
| RTR-TAPW | | ✓ | 430 | 990654 | 990652 | 25 |
| | | ✓ | 650 | 990794 | 990792 | 25 |
| | | ✓ | 1.000 | 990526 | 990505 | 25 |
| RTA-TAPW | ✓ | | 430 | 990655N | 990653N | 25 |
| | ✓ | | 650 | 990795N | 990793N | 25 |
| | ✓ | | 1.000 | 990527N | 990506N | 25 |

## Transparent protective covers, 9 mm

| Family | Length mm | Type | Quantity |
|---|---|---|---|
| RT-CCW | 430 | 990656 | 25 |
| | 650 | 990796 | 25 |
| | 1.000 | 990507 | 25 |



## Transparent protective strip, 9 mm

| Family | Length mm | Type | Quantity |
|---|---|---|---|
| RT-CCWS | 430 | 990657 | 25 |
| | 650 | 990797 | 25 |
| | 1.000 | 990734 | 25 |



legends, 9 mm MG-TAPW ..... page 28
modular legend strips TAR-ROLL ..... page 66S





CEMBRE

# TPD

## *Document holder*

*adhesive and rivet fixing*

TPD document holder provides a convenient means of filing wiring schemes, operating manuals, etc in electrical panels or equipment.



**Material:** Antishock Polystyrene

PS

| Size AxI.mm | Depth mm | Type | Sheet size | Quantity |
|---|---|---|---|---|
| 193 x 175 | 20 | **420180** | A5 | *5* |
| 235 x 280 | 40 | **420280** | A4 | *5* |



Directly on panel

# SIGNSTICKONSYS

## SIGNS

A wide range of self adhesive signs, in various types and formats, for comprehensive signing of all potentially hazardous situations in factories, workshops and industrial premises.

**SYMBOL SHAPE INDICATES MEANING**

TRIANGLE

Warning, Attention

CIRCLE

Prohibition, Mandatory

SQUARE & RECTANGULAR

Information and Supplementary

**Signs with text**

Consist of WS, PS or MS symbols supplemented by information in text form, or text only signs which can be used in combination with symbol only signs.

Available in different graphic modes and formats, for marking equipment, machinery and installations in a detailed and efficient way.

Texts can be supplied in different languages: English (- GB), French (- F), German (- D), Spanish (- E) and other.

GB English F French D German E Spanish ... other language

**Storage**

Also available in package quantity BULK.







## Labels for desktop printers

Blank labels for laser or ink-jet printers. Supplied on A4 sheets, in UL certified materials such as polyester and polyolefin, for long-term use, at very high temperatures if necessary.

LLS and ILS labels can be used to identify electrical and electronic components with the high quality print provided by desktop printers.

Supplied in packs of 10 and combined with a strong liner, each sheet of labels must be fed manually into the printer.



Grey and 'silver' Polyester labels are widely used in the electrical and electronic industries.



Chemical and pharmaceutical applications commonly require the use of very thin and strong labels capable of withstanding contact with chemical agents.

Polyester is recommended for its transparency and non-deformability.

Improved visibility may be obtained with coloured polyester labels available in a wide range of materials supplied by Cembre.



| white | yellow | metallic grey | |
|---|---|---|---|
| WVYG | YVYG | PPYG | Material |
| Polyester outdoor | Polyester indoor | Polyester outdoor | |
| -30°C | -30°C | -30°C | Min Temperature range |
| +70°C | +70°C | +130°C | Max Temperature range |
| 50µ | 50µ | 50µ | Thickness |
| ✓ | ✓ | ✓ | Adhesive |

# WS

## Warning signs

*Polyester film, Halogen free, on sheet*

Consist of WS symbols supplemented by information in text form WST, or text only signs which can be used in combination with symbol only signs. Available in different graphic modes and formats, for marking equipment, machinery and installations in a detailed and efficient way.

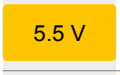
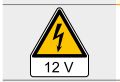



**Material:** Polyester film over-laminated with transparent film resistant to UV, thickness approximately 0,1 mm. Resistant to Water, Oil, Grease, Alcohol, Detergent, Alkaline Substances and Atmospheric Agents. Low flammability, self extinguishing. Recommended for application to equipment for internal or external use, but not directly exposed to atmospheric agents. If exposed to atmospheric agents, the life of the label may be limited to five years.

**Application temperature range:** -40°C to +130°C

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WS-AD | Generic hazard | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 12,5 | 200000 | 64 | 320 |
| | | 200000-BULK | 323 | 1.615 |
| | 25 | 200001 | 24 | 240 |
| | | 200001-BULK | 120 | 1.200 |
| | 50 | 200002 | 10 | 50 |
| | | 200002-BULK | 30 | 900 |
| | 100 | 200003 | 2 | 10 |
| | | 200003-BULK | 6 | 300 |
| | 150 | 200004 | 2 | 10 |
| | 200 | 200005 | 1 | 5 |
| | 300 | 200006 | 1 | 1 |
| WST-LDY | DANGER! Mechanical devices moving | | | UNI 7543 - ISO 3864 |
|  | 105 x 210 | 2557AD017-GB | 1 | 3 |
| WST-LAY | WARNING! Automatic start | | | UNI 7543 - ISO 3864 |
|  | 120 x 200 | 2658AD021-GB | 1 | 3 |
| WST-PDY | DANGER! Automatic start | | | UNI 7543 - ISO 3864 |
| | 62 x 65 | 3553AD021-GB | 1 | 10 |
| | 148 x 105 | 3555AD021-GB | 1 | 5 |
| WST-OAY | WARNING! Remote controlled machine | | | ISO 3864 |
|  | 200 x 200 | 1307AD030-GB | 1 | 1 |
| WST-TSW | DANGER | | | UNI 7543 - ISO 3864 |
|  | 50 | 0400AD035-GB | 5 | 25 |
| WST-LAY | WARNING! DANGER | | | UNI 7543 - ISO 3864 |
|  | 37 x 74 | 2653AD035-GB | 3 | 15 |
| | 65 x 131 | 2655AD035-GB | 1 | 10 |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WS-HT | Electricity | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 12,5 | 200100 | 64 | 320 |
| | | 200100-BULK | 323 | 1.615 |
| | 25 | 200101 | 24 | 240 |
| | | 200101-BULK | 120 | 1.200 |
| | 50 | 200102 | 10 | 50 |
| | | 200102-BULK | 30 | 900 |
| | 100 | 200103 | 2 | 10 |
| | | 200103-BULK | 6 | 450 |
| | 150 | 200104 | 2 | 10 |
| | 200 | 200105 | 1 | 5 |
| | 300 | 200106 | 1 | 1 |
| WST-OTY | 5.5 V | | | ISO 3864 |
|  | 50 x 100 | 1101HT003-GB | 2 | 10 |
| WST-TSW | 12 V | | | |
|  | 50 | 0400HT005 | 5 | 25 |
| WST-LSY | 12 V | | | UNI 7543 - ISO 3864 |
| | 26 x 52 | 2451HT005 | 5 | 25 |
|  | 37 x 74 | 2453HT005 | 3 | 15 |
| | 52 x 105 | 2454HT005 | 2 | 10 |
| WST-TSW | 24 V | | | |
| | 50 | 0400HT006 | 5 | 25 |
|  | 100 | 0401HT006 | 2 | 10 |
| | 200 | 0403HT006 | 1 | 3 |
| WST-LSY | 24 V | | | UNI 7543 - ISO 3864 |
|  | 26 x 52 | 2451HT006 | 5 | 25 |

# WS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LAY | WARNING! 24 V | | | UNI 7543 - ISO 3864 |
| WARNING! 24 V | 37 x 74 | **2653HT006-GB** | 3 | *15* |
| WST-OTY | 24 V | | | ISO 3864 |
| | 25 x 50 | **1100HT006** | 5 | *25* |
| | 50 x 100 | **1101HT006** | 2 | *10* |
| 24 V | 15 x 80 | **1110HT006** | 5 | *25* |
| | 30 x 100 | **1111HT006** | 2 | *10* |
| | 40 x 150 | **1112HT006** | 2 | *10* |
| WST-TSW | 110 V | | | UNI 7543 - ISO 3864 |
| 110 V | 50 | **0400HT008** | 5 | *25* |
| | | **0400HT008-BULK** | 25 | *750* |
| | 100 | **0401HT008** | 2 | *10* |
| WST-OTY | 110 V | | | ISO 3864 |
| | 25 x 50 | **1100HT008** | 5 | *25* |
| 110 V | 15 x 80 | **1110HT008** | 5 | *25* |
| | 30 x 100 | **1111HT008** | 2 | *10* |
| | 40 x 150 | **1112HT008** | 2 | *10* |
| WST-LAY | WARNING! 115 V | | | UNI 7543 - ISO 3864 |
| WARNING! 115 V | 37 x 74 | **2653HT009-GB** | 3 | *15* |
| WST-OTY | 115 V | | | ISO 3864 |
| 115 V | 25 x 50 | **1100HT009** | 5 | *25* |
| | 50 x 100 | **1101HT009** | 2 | *10* |
| WST-TSW | 230 V | | | |
| 230 V | 50 | **0400HT012** | 5 | *25* |
| | | **0400HT012-BULK** | 25 | *750* |
| | 100 | **0401HT012** | 2 | *10* |
| | 150 | **0402HT012** | 1 | *5* |
| WST-TDW | DANGER! 230 V | | | |
| DANGER! 230 V | 50 | **0500HT012-GB** | 5 | *25* |
| WST-TAW | WARNING! 230 V | | | |
| WARNING! 230 V | 50 | **0600HT012-GB** | 5 | *25* |
| WST-LSY | 230 V | | | UNI 7543 - ISO 3864 |
| | 18 x 37 | **2450HT012** | 7 | *35* |
| | 26 x 52 | **2451HT012** | 5 | *25* |
| 230 V | 37 x 74 | **2453HT012** | 3 | *15* |
| | 52 x 105 | **2454HT012** | 2 | *10* |
| WST-LDY | DANGER! 230 V | | | UNI 7543 - ISO 3864 |
| DANGER! 230 V | 37 x 74 | **2553HT012-GB** | 3 | *15* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LAY | WARNING! 230 V | | | UNI 7543 - ISO 3864 |
| | 18 x 37 | **2650HT012-GB** | 7 | *35* |
| WARNING! 230 V | 32 x 65 | **2652HT012-GB** | 4 | *20* |
| | 37 x 74 | **2653HT012-GB** | 3 | *15* |
| | 52 x 106 | **2654HT012-GB** | 2 | *10* |
| WST-PSY | 230 V | | | UNI 7543 - ISO 3864 |
| 230 V | 46 x 32 | **3450HT012** | 1 | *20* |
| WST-PDY | DANGER! 230 V | | | UNI 7543 - ISO 3864 |
| DANGER! 230 V | 52 x 37 | **3551HT012-GB** | 3 | *15* |
| | 92 x 65 | **3553HT012-GB** | 1 | *10* |
| WST-OTY | 230 V | | | ISO 3864 |
| | 25 x 50 | **1100HT012** | 5 | *25* |
| | 50 x 100 | **1101HT012** | 2 | *10* |
| 230 V | 15 x 80 | **1110HT012** | 5 | *25* |
| | 30 x 100 | **1111HT012** | 2 | *10* |
| | 40 x 150 | **1112HT012** | 2 | *10* |
| WST-TSW | 240 V | | | |
| 240 V | 50 | **0400HT013** | 5 | *25* |
| | 100 | **0401HT013** | 1 | *10* |
| WST-LSY | 240 V | | | UNI 7543 - ISO 3864 |
| 240 V | 32 x 65 | **2452HT013** | 4 | *20* |
| WST-TSW | 400 V | | | |
| 400 V | 50 | **0400HT015** | 5 | *25* |
| | | **0400HT015-BULK** | 25 | *750* |
| | 100 | **0401HT015** | 2 | *10* |
| | 150 | **0402HT015** | 1 | *5* |
| | 200 | **0403HT015** | 1 | *3* |
| WST-TDW | DANGER! 400 V | | | |
| DANGER! 400 V | 50 | **0500HT015-GB** | 5 | *25* |
| WST-LSY | 400 V | | | UNI 7543 - ISO 3864 |
| | 26 x 52 | **2451HT015** | 5 | *25* |
| | 32 x 65 | **2452HT015** | 4 | *20* |
| 400 V | 37 x 74 | **2453HT015** | 3 | *15* |
| | 52 x 105 | **2454HT015** | 2 | *10* |
| | 65 x 131 | **2455HT015** | 2 | *10* |
| | 120 x 200 | **2458HT015** | 1 | *3* |
| WST-LDY | DANGER! 400 V | | | UNI 7543 - ISO 3864 |
| DANGER! 400 V | 37 x 74 | **2553HT015-GB** | 3 | *15* |

# WS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LAY | WARNING! 400 V | | | UNI 7543 - ISO 3864 |
| WARNING! 400 V | 32 x 65 | **2652HT015-GB** | 4 | *20* |
| | 37 x 74 | **2653HT015-GB** | 3 | *15* |
| | 52 x 105 | **2654HT015-GB** | 2 | *10* |
| WST-PSY | 400 V | | | UNI 7543 - ISO 3864 |
| 400 V | 46 x 32 | **3450HT015** | 1 | *25* |
| | 52 x 37 | **3451HT015** | 3 | *15* |
| | 105 x 74 | **3454HT015** | 1 | *10* |
| | 148 x 105 | **3455HT015** | 1 | *5* |
| WST-PDY | DANGER! 400 V | | | UNI 7543 - ISO 3864 |
| DANGER! 400 V | 52 x 37 | **3551HT015-GB** | 3 | *15* |
| | 92 x 65 | **3553HT015-GB** | 1 | *10* |
| | 148 x 105 | **3555HT015-GB** | 1 | *5* |
| | 297 x 210 | **3558HT015-GB** | 1 | *2* |
| WST-OTY | 400 V | | | ISO 3864 |
| 400 V | 25 x 50 | **1100HT015** | 5 | *25* |
| | 50 x 100 | **1101HT015** | 3 | *10* |
| | 15 x 80 | **1110HT015** | 5 | *25* |
| | 30 x 100 | **1111HT015** | 2 | *10* |
| | 40 x 150 | **1112HT015** | 2 | *10* |
| | 440 V | | | |
| 440 V | 50 | **0400HT016** | 5 | *25* |
| | 100 | **0401HT016** | 2 | *10* |
| WST-LSY | 440 V | | | UNI 7543 - ISO 3864 |
| 440 V | 52 x 105 | **2454HT016** | 1 | *10* |
| WST-LAY | WARNING! 440 V | | | UNI 7543 - ISO 3864 |
| WARNING! 440 V | 37 x 74 | **2653HT016-GB** | 3 | *15* |
| | 65 x 131 | **2655HT016-GB** | 1 | *10* |
| WST-OTY | 440 V | | | ISO 3864 |
| 440 V | 25 x 50 | **1100HT016** | 5 | *25* |
| WST-TSW | 500 V | | | |
| 500 V | 50 | **0400HT017** | 5 | *25* |
| | 100 | **0401HT017** | 2 | *10* |
| | 150 | **0402HT017** | 1 | *5* |
| WST-LSY | 500 V | | | UNI 7543 - ISO 3864 |
| 500 V | 18 x 37 | **2450HT017** | 7 | *35* |
| WST-LAY | WARNING! 500 V | | | UNI 7543 - ISO 3864 |
| WARNING! 500 V | 52 x 105 | **2654HT017-GB** | 1 | *10* |
| WST-PSY | 500 V | | | UNI 7543 - ISO 3864 |
| 500 V | 148 x 105 | **3455HT017** | 1 | *5* |

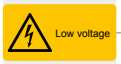
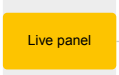
| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-OTY | 600 V | | | ISO 3864 |
| 600 V | 25 x 50 | **1100HT018** | 5 | *25* |
| WST-PDY | DANGER! 3,000 V | | | UNI 7543 - ISO 3864 |
| DANGER! 3,000 V | 371 x 262 | **3559HT019-GB** | 1 | *1* |
| WST-OTY | 3,000 V | | | ISO 3864 |
| 3,000 V | 25 x 50 | **1100HT019-GB** | 5 | *25* |
| WST-TSW | 5,000 V | | | |
| 5,000 V | 200 | **0403HT020-GB** | 1 | *3* |
| WST-TSW | 20,000 V | | | |
| 20,000 V | 100 | **0401HT021-GB** | 2 | *10* |
| WST-LSY | 20,000 V | | | UNI 7543 - ISO 3864 |
| 20,000 V | 52 x 105 | **2454HT021-GB** | 2 | *10* |
| | 105 x 210 | **2457HT021-GB** | 1 | *3* |
| WST-LAY | WARNING! 20,000 V | | | UNI 7543 - ISO 3864 |
| | 37 x 74 | **2653HT021-GB** | 3 | *15* |
| WARNING! 20,000 V | 52 x 105 | **2654HT021-GB** | 2 | *10* |
| | 120 x 200 | **2658HT021-GB** | 1 | *3* |
| WST-PDY | DANGER! 20,000 V | | | UNI 7543 - ISO 3864 |
| DANGER! 20,000 V | 148 x 105 | **3555HT021-GB** | 1 | *5* |
| | 297 x 210 | **3558HT021-GB** | 1 | *2* |
| WST-PDY | DANGER! Risk of electrocution | | | UNI 7543 - ISO 3864 |
| DANGER! Risk of electrocution | 297 x 210 | **3558HT023-GB** | 1 | *2* |
| WST-TSW | High voltage | | | UNI 7543 - ISO 3864 |
| | 50 | **0400HT024-GB** | 5 | *25* |
| High voltage | 100 | **0401HT024-GB** | 2 | *10* |
| | 150 | **0403HT024-GB** | 1 | *3* |
| WST-LSY | High voltage | | | UNI 7543 - ISO 3864 |
| High voltage | 52 x 105 | **2454HT024-GB** | 2 | *10* |
| WST-LAY | WARNING! High voltage | | | UNI 7543 - ISO 3864 |
| WARNING! High voltage | 37 x 74 | **2653HT024-GB** | 3 | *15* |
| | 65 x 131 | **2655HT024-GB** | 1 | *10* |
| WST-TSW | High voltage, danger of death | | | |
| High voltage, danger of death | 150 | **0402HT025-GB** | 1 | *5* |
| WST-LSY | High voltage, danger of death | | | UNI 7543 - ISO 3864 |
| High voltage, danger of death | 150 x 300 | **2460HT025-GB** | 1 | *3* |

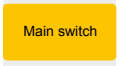
# WS

GB English F French D German E Spanish ... other language

*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-PDY | DANGER! High voltage, danger of death | | | UNI 7543 - ISO 3864 |
|  | 297 x 210 | **3558HT025-GB** | 1 | *2* |
| WST-LSY | Low voltage | | | UNI 7543 - ISO 3864 |
|  | 26 x 52 | **2451HT026-GB** | 5 | *25* |
| | 37 x 74 | **2453HT026-GB** | 3 | *15* |
| WST-TSW | Danger of death | | | |
|  | 50 | **0400HT027-GB** | 5 | *25* |
| WST-TSW | Danger of electrocution | | | |
|  | 150 | **0402HT028-GB** | 1 | *5* |
| WST-LSY | Danger of electrocution | | | UNI 7543 - ISO 3864 |
|  | 120 x 200 | **2458HT028-GB** | 1 | *3* |
| WST-LDY | DANGER! Danger of electrocution | | | UNI 7543 - ISO 3864 |
|  | 120 x 200 | **2558HT028-GB** | 1 | *3* |
| WST-LAY | WARNING! Live panel | | | UNI 7543 - ISO 3864 |
|  | 52 x 105 | **2654HT032-GB** | 2 | *10* |
| | 120 x 200 | **2658HT032-GB** | 1 | *3* |
| WST-LDY | DANGER! Live panel | | | UNI 7543 - ISO 3864 |
|  | 120 x 200 | **2558HT032-GB** | 1 | *3* |
| WST-LAY | WARNING! Live panel | | | UNI 7543 - ISO 3864 |
|  | 52 x 105 | **2654HT032-GB** | 1 | *10* |
| WST-PDY | DANGER! Live panel | | | UNI 7543 - ISO 3864 |
|  | 297 x 210 | **3558HT032-GB** | 1 | *2* |
| WST-OTY | Live panel | | | ISO 3864 |
|  | 50 x 100 | **1101HT032-GB** | 2 | *10* |
| | 100 x 200 | **1102HT032-GB** | 1 | *3* |
| WST-LDY | DANGER! Live installation | | | UNI 7543 - ISO 3864 |
|  | 52 x 105 | **2554HT034-GB** | 1 | *10* |
| WST-LDY | DANGER! Return voltage | | | UNI 7543 - ISO 3864 |
|  | 18 x 37 | **2550HT035-GB** | 7 | *35* |
| WST-TSW | Equipment remains live even when switched off | | | |
|  | 50 | **0400HT039-GB** | 5 | *25* |
| WST-TAW | WARNING! Equipment remains live even when switched off | | | |
|  | 50 | **0600HT039-GB** | 5 | *25* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LSY | Equipment remains live even when switched off | | | UNI 7543 - ISO 3864 |
| | 18 x 37 | **2450HT039-GB** | 7 | *35* |
|  | 26 x 52 | **2451HT039-GB** | 5 | *25* |
| | 37 x 74 | **2453HT039-GB** | 3 | *15* |
| | 52 x 105 | **2454HT039-GB** | 2 | *10* |
| WST-LAY | WARNING! Equipment remains live even when switched off | | | UNI 7543 - ISO 3864 |
| | 26 x 52 | **2651HT039-GB** | 5 | *25* |
| | 32 x 65 | **2652HT039-GB** | 4 | *20* |
|  | 37 x 74 | **2653HT039-GB** | 3 | *15* |
| | 52 x 105 | **2654HT039-GB** | 1 | *10* |
| | 65 x 131 | **2655HT039-GB** | 1 | *10* |
| WST-LSY | Safety limit | | | UNI 7543 - ISO 3864 |
|  | 26 x 52 | **2451HT040-GB** | 5 | *25* |
| WST-LAY | WARNING! Safety limit | | | UNI 7543 - ISO 3864 |
|  | 26 x 52 | **2651HT040-GB** | 5 | *25* |
| WST-TSW | Testing in progress | | | |
|  | 200 | **0403HT043-GB** | 1 | *3* |
| WST-TSW | Electrical cables | | | |
|  | 100 | **0401HT044-GB** | 1 | *10* |
| WST-LAY | WARNING! Electrical cables | | | UNI 7543 - ISO 3864 |
|  | 105 x 210 | **2657HT044-GB** | 1 | *3* |
| WST-LSY | Main switch | | | UNI 7543 - ISO 3864 |
|  | 52 x 105 | **2454HT046-GB** | 1 | *10* |
| WST-OTY | Main switch | | | ISO 3864 |
|  | 150 x 300 | **1103HT046-GB** | 1 | *1* |
| WST-TSW | Electrical substation | | | |
|  | 100 | **0401HT049-GB** | 1 | *10* |
| WST-PDY | DANGER! Electrical substation | | | UNI 7543 - ISO 3864 |
|  | 297 x 210 | **3558HT049-GB** | 1 | *2* |
| WST-TSW | Always live | | | UNI 7543 - ISO 3864 |
|  | 50 | **0400HT051-GB** | 5 | *25* |
| WST-LSY | Always live | | | UNI 7543 - ISO 3864 |
|  | 52 x 105 | **2454HT051-GB** | 2 | *10* |
| WST-LDY | DANGER! Always live | | | UNI 7543 - ISO 3864 |
|  | 32 x 65 | **2552HT051-GB** | 4 | *20* |

# WS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LAY | WARNING! Always live | | | UNI 7543 - ISO 3864 |
| | 37 x 74 | **2653HT051-GB** | 3 | *15* |
| | 52 x 105 | **2654HT051-GB** | 1 | *10* |
| | 65 x 131 | **2655HT051-GB** | 1 | *10* |
| WST-OTY | Always live | | | ISO 3864 |
| | 25 x 50 | **1100HT051-GB** | 5 | *25* |
| WST-OAY | WARNING! Always live | | | ISO 3864 |
| | 25 x 50 | **1300HT051-GB** | 5 | *25* |
| WST-LSY | Switch power off before opening the door | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2454HT052-GB** | 2 | *10* |
| | 65 x 131 | **2455HT052-GB** | 2 | *10* |
| WST-LDY | DANGER! Switch power off before opening the door | | | UNI 7543 - ISO 3864 |
| | 37 x 74 | **2553HT052-GB** | 3 | *15* |
| WST-LAY | WARNING! Switch power off before opening the door | | | UNI 7543 - ISO 3864 |
| | 65 x 131 | **2655HT052-I-GB** | 1 | *10* |
| WST-LAY | WARNING! Switch power off before opening the door | | | UNI 7543 - ISO 3864 |
| | 26 x 52 | **2651HT052** | 5 | *25* |
| | 37 x 74 | **2653HT052-GB** | 3 | *15* |
| | | **2653HT052-GB-BULK** | 34 | *1.020* |
| | 52 x 105 | **2654HT052-GB** | 1 | *10* |
| | 65 x 131 | **2655HT052-GB** | 1 | *10* |
| | 74 x 148 | **2656HT052-GB** | 1 | *5* |
| | 105 x 210 | **2657HT052-GB** | 1 | *3* |
| WST-OAY | WARNING! Switch power off before opening the door | | | ISO 3864 |
| | 25 x 50 | **1300HT052-GB** | 5 | *25* |
| | 50 x 100 | **1301HT052-GB** | 2 | *10* |
| WST-PDY | DANGER! Switch power off before opening the door | | | UNI 7543 - ISO 3864 |
| | 74 x 52 | **3552HT052-GB** | 2 | *10* |
| | 297 x 210 | **3558HT052-GB** | 1 | *2* |
| WST-PAY | WARNING! Switch power off before opening the door | | | UNI 7543 - ISO 3864 |
| | 74 x 52 | **3652HT052-GB** | 2 | *10* |
| WST-TSW | Switch power off before opening the panel | | | |
| | 100 | **0401HT053-GB** | 2 | *10* |
| WST-LSY | Switch power off before opening the panel | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2454HT053-GB** | 2 | *10* |
| WST-LAY | WARNING! Switch power off before opening the panel | | | UNI 7543 - ISO 3864 |
| | 32 x 65 | **2652HT053-GB** | | *20* |
| | 37 x 74 | **2653HT053-GB** | 3 | *15* |
| | 52 x 105 | **2654HT053-GB** | 1 | *10* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-PDY | DANGER! Switch power off before opening the panel | | | UNI 7543 - ISO 3864 |
| | 297 x 210 | **3558HT053-GB** | 1 | *2* |
| WST-LSY | Rotate switch before opening the panel | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2454HT054-GB** | 2 | *10* |
| WST-LAY | WARNING! Rotate switch before opening the panel | | | UNI 7543 - ISO 3864 |
| | 37 x 74 | **2653HT054-GB** | 3 | *15* |
| WST-LSY | Switch off, voltage present | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2454HT055-GB** | 2 | *10* |
| WST-LAY | WARNING! Switch off, voltage present | | | UNI 7543 - ISO 3864 |
| | 32 x 65 | **2652HT055-GB** | 4 | *20* |
| WST-TSW | Electrical discharges | | | UNI 7543 - ISO 3864 |
| | 50 | **0400HT056-GB** | 5 | *25* |
| WST-LAY | WARNING! Electrical discharges | | | UNI 7543 - ISO 3864 |
| | 37 x 74 | **2653HT056-GB** | 3 | *15* |
| | 65 x 131 | **2655HT056-GB** | 1 | *10* |
| WST-TSW | High-voltage underground cables | | | |
| | 200 | **0403HT059-GB** | 1 | *3* |
| WST-PDY | DANGER! High-voltage underground cables | | | UNI 7543 - ISO 3864 |
| | 297 x 210 | **3558HT059-GB** | 1 | *2* |
| WST-TSW | Equipment remains live even when door is open | | | |
| | 50 | **0400HT061-GB** | 5 | *25* |
| WST-LSY | Equipment remains live even when door is open | | | UNI 7543 - ISO 3864 |
| | 18 x 37 | **2450HT061-GB** | 7 | *35* |
| | 52 x 105 | **2454HT061-GB** | 2 | *10* |
| WST-LDY | DANGER! Equipment remains live even when door is open | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2554HT061-GB** | 1 | *10* |
| | 65 x 131 | **2555HT061-GB** | 1 | *10* |
| WST-LAY | WARNING! Equipment remains live even when door is open | | | UNI 7543 - ISO 3864 |
| | 18 x 37 | **2650HT061-GB** | 7 | *35* |
| | 37 x 74 | **2653HT061-GB** | 3 | *15* |
| | | **2653HT061-IT-GB** | 3 | *15* |
| | 52 x 105 | **2654HT061-GB** | 1 | *10* |
| | 65 x 131 | **2655HT061-GB** | 1 | *10* |
| WST-PDY | DANGER! Equipment remains live even when door is open | | | UNI 7543 - ISO 3864 |
| | 92 x 65 | **3553HT061-GB** | 1 | *10* |
| | 148 x 105 | **3555HT061-GB** | 1 | *5* |

# WS

GB English F French D German E Spanish ... other language

*other language on request*

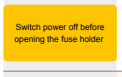
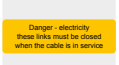
PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-OAY | WARNING! Equipment remains live even when door is open | | | ISO 3864 |
| WARNING! Equipment remains live even when door is open | 25 x 50 | **1300HT061-GB** | 5 | *25* |
| | 50 x 100 | **1301HT061-GB** | 2 | *10* |
| WST-TSW | Switch off power before removing panel | | | |
| Switch off power before removing panel | 100 | **0401HT062-GB** | 2 | *10* |
| WST-LSY | Switch off power before removing panel | | | UNI 7543 - ISO 3864 |
| | 18 x 37 | **2450HT062-GB** | 7 | *35* |
| Switch off power before removing panel | 37 x 74 | **2453HT062-GB** | 3 | *15* |
| | 52 x 105 | **2454HT062-GB** | 2 | *10* |
| WST-LDY | DANGER! Switch off power before removing panel | | | UNI 7543 - ISO 3864 |
| DANGER! Switch off power before removing panel | 37 x 74 | **2553HT062-GB** | 3 | *15* |
| WST-LAY | WARNING! Switch off power before removing panel | | | UNI 7543 - ISO 3864 |
| | 37 x 74 | **2653HT062-GB** | 3 | *15* |
| WARNING! Switch off power before removing panel | 52 x 105 | **2654HT062-GB** | 1 | *10* |
| | 74 x 148 | **2656HT062-GB** | 1 | *5* |
| WST-PDY | DANGER! Switch off power before removing panel | | | UNI 7543 - ISO 3864 |
| DANGER! Switch off power before removing panel | 297 x 210 | **3558HT062-GB** | 1 | *2* |
| WST-TSW | DANGER | | | UNI 7543 - ISO 3864 |
| DANGER | 50 | **0400HT066-GB** | 5 | *25* |
| WST-LSY | DANGER! | | | UNI 7543 - ISO 3864 |
| DANGER! | 52 x 105 | **2454HT067-GB** | | *10* |
| WST-LSY | WARNING! | | | UNI 7543 - ISO 3864 |
| WARNING! | 52 x 105 | **2454HT071-GB** | 2 | *10* |
| WST-LAY | WARNING! Switch off power before removing cover | | | UNI 7543 - ISO 3864 |
| WARNING! Switch off power before removing cover | 37 x 74 | **2653HT072-GB** | 3 | *15* |
| | 65 x 131 | **2655HT072-GB** | 1 | *10* |
| WST-TSW | Switch off power before removing cover | | | |
| Switch off power before removing cover | 50 | **0400HT072-GB** | 5 | *25* |
| WST-LSY | Wait 1 minute before touching electrical parts | | | UNI 7543 - ISO 3864 |
| Wait 1 minute before touching electrical parts | 52 x 105 | **2454HT073-GB** | | *10* |
| WST-TSW | 400 V AC | | | |
| 400 V AC | 50 | **0400HT075** | 5 | *25* |
| WST-LAY | WARNING! 400 V AC | | | UNI 7543 - ISO 3864 |
| WARNING! 400 V AC | 37 x 74 | **2653HT075-GB** | 3 | *15* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LSY | 24 V AC | | | UNI 7543 - ISO 3864 |
| 24 V AC | 18 x 37 | **2450HT078** | 7 | *35* |
| WST-OTY | High voltage Warning! Danger of death | | | ISO 3864 |
| High voltage Warning! Danger of death | 50 x 100 | **1101HT079-GB** | 2 | *10* |
| WST-LSY | Switch off power before removing guard | | | UNI 7543 - ISO 3864 |
| | 18 x 37 | **2450HT081-GB** | 7 | *35* |
| Switch off power before removing guard | 37 x 74 | **2453HT081-GB** | 3 | *15* |
| WST-LDY | DANGER! Switch off power before removing guard | | | UNI 7543 - ISO 3864 |
| DANGER! Switch off power before removing guard | 37 x 74 | **2553HT081-GB** | 3 | *15* |
| WST-LAY | WARNING! Switch off power before removing guard | | | UNI 7543 - ISO 3864 |
| | 37 x 74 | **2653HT081-GB** | 3 | *15* |
| WARNING! Switch off power before removing guard | 52 x 105 | **2654HT081-GB** | 1 | *10* |
| | 65 x 131 | **2655HT081-GB** | 1 | *10* |
| WST-LAY | WARNING! Set the main switch to zero before working on the pump | | | UNI 7543 - ISO 3864 |
| WARNING! Set the main switch to zero before working on the pump | 65 x 131 | **2655HT083-GB** | 1 | *10* |
| WST-LAY | WARNING! 380 V + N | | | UNI 7543 - ISO 3864 |
| WARNING! 380 V + N | 65 x 131 | **2655HT084-GB** | 1 | *10* |
| WST-TSW | 415 V | | | |
| 415 V | 50 | **0400HT085** | 5 | *25* |
| WST-TSW | Turning off the general power supply means no safety for maintenance purposes | | | |
| Turning off the general power supply means no safety for maintenance purposes | 50 | **0400HT093-GB** | 5 | *25* |
| | 100 | **0401HT093-GB** | 2 | *10* |
| WST-TSW | 480 V / 24 V | | | |
| 480 V / 24 V | 100 | **0401HT094** | 2 | *10* |
| WST-LAY | WARNING! 480 V / 24 V | | | UNI 7543 - ISO 3864 |
| WARNING! 480 V / 24 V | 52 x 105 | **2654HT094-GB** | 1 | *10* |
| WST-TSW | 400 V / 24 V | | | |
| 400 V / 24 V | 100 | **0401HT095** | 2 | *10* |
| WST-LAY | WARNING! Only electricians can perform operations or internal repairs | | | UNI 7543 - ISO 3864 |
| WARNING! Only electricians can perform operations or internal repairs | 37 x 74 | **2653HT097-GB** | 3 | *15* |
| WST-TSW | 600 V / 24 V | | | |
| 600 V / 24 V | 100 | **0401HT098** | 2 | *10* |

# WS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-TSW | 440 V / 24 V | | | |
|  | 100 | **0401HT103** | 2 | *10* |
| WST-TSW | 230 V / 24 V | | | |
|  | 100 | **0401HT104** | 2 | *10* |
| WST-TSW | 690 V | | | |
|  | 50 | **0400HT105** | 5 | *25* |
| WST-LAY | WARNING! The electrical panel is housed in several lines | | | UNI 7543 - ISO 3864 |
|  | 65 x 131 | **2655HT106-GB** | 1 | *10* |
| WST-LAY | WARNING! Voltage also present when master switch is turned off | | | UNI 7543 - ISO 3864 |
|  | 26 x 52 | **2651HT108-D-GB-F** | 5 | *25* |
| WST-TSW | Put equipment under tension | | | |
|  | 50 | **0400HT111-GB** | 5 | *25* |
| WST-LAY | WARNING! Dual power board | | | UNI 7543 - ISO 3864 |
|  | 52 x 105 | **2654HT112-GB** | 1 | *10* |
| WST-TSW | 215 V | | | |
|  | 50 | **0400HT113** | 5 | *25* |
| WST-TSW | 750 V | | | |
|  | 50 | **0400HT122** | 5 | *25* |
| WST-OTY | Switch power off before opening the fuse holder | | | ISO 3864 |
|  | 50 x 100 | **1101HT128-GB** | 2 | *10* |
| WST-LAY | WARNING! Under tension when the main switch is off | | | |
|  | 26 x 52 | **2651HT131-GB** | 5 | *25* |
| WST-OTY | WARNING! HIGH CONTACT CURRENT. GROUNDING CONNECTION IS ESSENTIAL BEFORE CONNECTING TO THE POWER SUPPLY | | | ISO 3864 |
|  | 65 x 100 | **1118HT135-GB** | 1 | *10* |
| WST-TSW | Do not open while energised | | | |
|  | 50 | **0400HT149-GB** | 5 | *25* |
| WST-OTY | Danger - electricity these links must be closed when the cable is in service | | | ISO 3864 |
|  | 30 x 100 | **1111HT150-GB** | 2 | *10* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LSY | ALTA TENSIONE HIGH VOLTAGE HAUTE TENSION STARKSTROM | | | UNI 7543 - ISO 3864 |
|  | 74 x 148 | **2456HT151-I-GB-F-D** | 1 | *5* |
| WST-OTY | WARNING! These links must be closed with a torque value of 50 Nm | | | ISO 3864 |
|  | 30 x 100 | **1111HT154-GB** | 2 | *10* |
| WS-BA | **Batteries** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **200201** | 24 | *240* |
| | 50 | **200202** | 10 | *50* |
| | 100 | **200203** | 2 | *10* |
| | 150 | **200204** | 1 | *10* |
| | 200 | **200205** | 1 | *5* |
| | 300 | **200206** | 1 | *1* |
| WST-LSY | Dangerous acids | | | UNI 7543 - ISO 3864 |
|  | 37 x 74 | **2453BA004-GB** | 3 | *15* |
| | 65 x 131 | **2455BA004-GB** | 1 | *10* |
| WS-EX | **Explosive atmosphere** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **200301** | 24 | *240* |
| | 50 | **200302** | 10 | *50* |
| | 100 | **200303** | 2 | *10* |
| | 150 | **200304** | 1 | *10* |
| | 200 | **200305** | 1 | *5* |
| | 300 | **200306** | 1 | *1* |
| WST-LSY | Explosive atmosphere | | | UNI 7543 - ISO 3864 |
|  | 37 x 74 | **2453EX001-GB** | 3 | *15* |
| | 65 x 131 | **2455EX001-GB** | 1 | *10* |
| WS-FM | **Flammable materials** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **200801** | 24 | *240* |
| | 50 | **200802** | 10 | *50* |
| | 100 | **200803** | 2 | *10* |
| | 150 | **200804** | 1 | *10* |
| | 200 | **200805** | 1 | *5* |
| | 300 | **200806** | 1 | *1* |
| WST-PDY | DANGER! Flammable materials | | | UNI 7543 - ISO 3864 |
|  | 297 x 210 | **3558FM002-GB** | 1 | *2* |
| WS-CA | **Combustible materials** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **200901** | 24 | *240* |
| | 50 | **200902** | 10 | *50* |
| | 100 | **200903** | 2 | *10* |
| | 150 | **200904** | 1 | *10* |
| | 200 | **200905** | 1 | *5* |
| | 300 | **200906** | 1 | *1* |

# WS

GB English F French D German E Spanish ... other language

*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| **WS-EM** | **Explosive materials** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **201001** | 24 | *240* |
| | 50 | **201002** | 10 | *50* |
| | 100 | **201003** | 2 | *10* |
| | 150 | **201004** | 1 | *10* |
| | 200 | **201005** | 1 | *5* |
| | 300 | **201006** | 1 | *1* |
| **WS-GT** | **Pressurised containers or cylinders** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | **201102** | 10 | *50* |
| | 100 | **201103** | 2 | *10* |
| | 150 | **201104** | 1 | *10* |
| | 200 | **201105** | 1 | *5* |
| | 300 | **201106** | 1 | *1* |
| **WS-CM** | **Corrosive substances** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **200501** | 24 | *240* |
| | 50 | **200502** | 10 | *50* |
| | 100 | **200503** | 2 | *10* |
| | 150 | **200504** | 1 | *10* |
| | 200 | **200505** | 1 | *5* |
| | 300 | **200506** | 1 | *1* |
| **WS-HM** | **Toxic, harmful or irritant substances** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 12,5 | **200600** | 64 | *320* |
| | 25 | **200601** | 24 | *240* |
| | 50 | **200602** | 10 | *50* |
| | 100 | **200603** | 2 | *10* |
| | 150 | **200604** | 1 | *10* |
| | 200 | **200605** | 1 | *5* |
| | 300 | **200606** | 1 | *1* |
| **WS-MF** | **Magnetic field** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **201401** | 24 | *240* |
| | 50 | **201402** | 10 | *50* |
| | 100 | **201403** | 2 | *10* |
| | 150 | **201404** | 1 | *10* |
| | 200 | **201405** | 1 | *5* |
| | 300 | **201406** | 1 | *1* |
| **WST-PSY** | Magnetic field | | | UNI 7543 - ISO 3864 |
|  | 297 x 210 | **3458MF001-GB** | 1 | *2* |
| **WST-PAY** | WARNING! Magnetic field | | | UNI 7543 - ISO 3864 |
|  | 297 x 210 | **3658MF001-GB** | 1 | *2* |
| **WS-EF** | **Non-ionising radiation** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | **201502** | 10 | *50* |
| | 100 | **201503** | 2 | *10* |
| | 150 | **201504** | 1 | *10* |
| | 200 | **201505** | 1 | *5* |
| | 300 | **201506** | 1 | *1* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| **WS-HN** | **High noise** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **201901** | 24 | *240* |
| | 50 | **201902** | 10 | *50* |
| | 100 | **201903** | 2 | *10* |
| | 150 | **201904** | 1 | *10* |
| | 200 | **201905** | 1 | *5* |
| | 300 | **201906** | 1 | *1* |
| **WST-TAW** | WARNING! Zone with noise level above 85 dB(A) | | | |
|  | 100 | **0601HN015-GB** | 2 | *10* |
| | 150 | **0602HN015-GB** | 1 | *5* |
| **WS-IC** | **Low temperature** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **201301** | 24 | *240* |
| | 50 | **201302** | 10 | *50* |
| | 100 | **201303** | 2 | *10* |
| | 150 | **201304** | 1 | *10* |
| | 200 | **201305** | 1 | *5* |
| | 300 | **201306** | 1 | *1* |
| **WS-HS** | **High temperature** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 12,5 | **201200** | 64 | *320* |
| | | **201200-BULK** | 323 | *1.615* |
| | 25 | **201201** | 24 | *240* |
| | | **201201-BULK** | 120 | *1.200* |
| | 50 | **201202** | 10 | *50* |
| | | **201202-BULK** | 30 | *900* |
| | 100 | **201203** | 2 | *10* |
| | | **201203-BULK** | 6 | *450* |
| | 150 | **201204** | 1 | *10* |
| | 200 | **201205** | 1 | *5* |
| | 300 | **201206** | 1 | *1* |
| **WST-TSW** | High temperature | | | UNI 7543 - ISO 3864 |
|  | 50 | **0400HS001-GB** | 5 | *25* |
| **WST-LSY** | High temperature | | | UNI 7543 - ISO 3864 |
|  | 37 x 74 | **2453HS001-GB** | 3 | *15* |
| | 65 x 131 | **2455HS001-GB** | 1 | *10* |
| **WST-LDY** | DANGER! High temperature | | | UNI 7543 - ISO 3864 |
|  | 37 x 74 | **2558HS001-GB** | 3 | *15* |
| **WST-LAY** | WARNING! High temperature | | | UNI 7543 - ISO 3864 |
|  | 52 x 105 | **2654HS001-GB** | 3 | *15* |
| **WST-TAW** | WARNING! High temperature | | | |
|  | 50 | **0600HS001-GB** | 5 | *25* |
| | 100 | **0601HS001-GB** | 2 | *10* |



CEMBRE

# WS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LSY | Electrical heating resistances | | | UNI 7543 - ISO 3864 |
| | 65 x 131 | **2455HS003-GB** | 1 | *10* |
| WST-LAY | WARNING! Electrical heating resistances | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2654HS003-GB** | 3 | *15* |
| WST-LSY | High temperature zone | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2454HS004-GB** | 1 | *10* |
| WST-TSW | High temperature zone | | | |
| | 150 | **0402HS004-GB** | 1 | *5* |
| WST-TSW | Danger of scalding | | | |
| | 100 | **0401HS008-GB** | 2 | *10* |
| WS-LD | **Danger of death** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **200401** | 24 | *240* |
| | 50 | **200402** | 10 | *50* |
| | 100 | **200403** | 2 | *10* |
| | 150 | **200404** | 1 | *10* |
| | 200 | **200405** | 1 | *5* |
| | 300 | **200406** | 1 | *1* |
| WS-RM | **Radiations** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **201601** | 24 | *240* |
| | 50 | **201602** | 10 | *50* |
| | 100 | **201603** | 2 | *10* |
| | 150 | **201604** | 1 | *10* |
| | 200 | **201605** | 1 | *5* |
| | 300 | **201606** | 1 | *1* |
| WS-MS | **Moving stairlift** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **201701** | 24 | *240* |
| | 50 | **201702** | 10 | *50* |
| | 100 | **201703** | 2 | *10* |
| | 150 | **201704** | 1 | *10* |
| | 200 | **201705** | 1 | *5* |
| | 300 | **201706** | 1 | *1* |
| WS-BH | **Biological risk** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **200701** | 24 | *240* |
| | 50 | **200702** | 10 | *50* |
| | 100 | **200703** | 2 | *10* |
| | 150 | **200704** | 1 | *10* |
| | 200 | **200705** | 1 | *5* |
| | 300 | **200706** | 1 | *1* |
| WS-WR | **UV welding-radiations** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 50 | **202002** | 10 | *50* |
| | 100 | **202003** | 2 | *10* |
| | 150 | **202004** | 1 | *10* |
| | 200 | **202005** | 1 | *5* |
| | 300 | **202006** | 1 | *1* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WS-TC | **Splinter projection** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 50 | **202102** | 10 | *50* |
| | 100 | **202103** | 2 | *10* |
| | 150 | **202104** | 1 | *10* |
| | 200 | **202105** | 1 | *5* |
| | 300 | **202106** | 1 | *1* |
| WS-MO | **Moving mechanical components** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **202501** | 24 | *240* |
| | 50 | **202502** | 10 | *50* |
| | 100 | **202503** | 2 | *10* |
| | 150 | **202504** | 1 | *10* |
| | 200 | **202505** | 1 | *5* |
| | 300 | **202506** | 1 | *1* |
| WST-TSW | Moving mechanical parts | | | |
| | 50 | **0400M0001-GB** | 5 | *25* |
| | 100 | **0401M0001-GB** | 2 | *10* |
| WST-TAW | WARNING! Moving mechanical parts | | | |
| | 50 | **0600M0001-GB** | 5 | *25* |
| WST-LSY | Moving mechanical parts | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2454M0001-GB** | 1 | *10* |
| | 65 x 131 | **2455M0001-GB** | 1 | *10* |
| WST-LAY | WARNING! Moving mechanical parts | | | UNI 7543 - ISO 3864 |
| | 52 x 105 | **2654M0001-GB** | 1 | *10* |
| | 120 x 200 | **2658M0001-GB** | 1 | *3* |
| WST-PDY | DANGER! Moving mechanical parts | | | UNI 7543 - ISO 3864 |
| | 92 x 65 | **3553M0001-GB** | 1 | *10* |
| | 148 x 105 | **3554M0001-GB** | 1 | *5* |
| WST-PDY | DANGER! Machine being tested, unprotected mechanical components or devices | | | UNI 7543 - ISO 3864 |
| | 297 x 210 | **3558M0009-GB** | 1 | *2* |
| WS-MM | **Moving cutter** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **202401** | 24 | *240* |
| | 50 | **202402** | 10 | *50* |
| | 100 | **202403** | 2 | *10* |
| | 150 | **202404** | 1 | *10* |
| | 200 | **202405** | 1 | *5* |
| | 300 | **202406** | 1 | *1* |
| WS-RC | **Equipment with remote control** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **201801** | 24 | *240* |
| | 50 | **201802** | 10 | *50* |
| | 100 | **201803** | 2 | *10* |
| | 150 | **201804** | 1 | *10* |
| | 200 | **201805** | 1 | *5* |
| | 300 | **201806** | 1 | *1* |

# WS

GB English F French D German E Spanish ... other language

*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| **WS-WH** | **Heated spray** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **202201** | 24 | *240* |
| | 50 | **202202** | 10 | *50* |
| | 100 | **202203** | 2 | *10* |
| | 150 | **202204** | 1 | *10* |
| | 200 | **202205** | 1 | *5* |
| | 300 | **202206** | 1 | *1* |
| **WS-AS** | **Automatic start** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | **202302** | 10 | *50* |
| | 100 | **202303** | 2 | *10* |
| | 150 | **202304** | 1 | *10* |
| | 200 | **202305** | 1 | *5* |
| | 300 | **202306** | 1 | *1* |
| **WST-LSY** | Automatic start | | | UNI 7543 - ISO 3864 |
|  | 65 x 131 | **2455AS001-GB** | 1 | *10* |
| **WST-TSW** | Starts without warning | | | |
|  | 100 | **0401AS002-GB** | 2 | *10* |
| **WST-LAY** | WARNING! Machine starts automatically | | | UNI 7543 - ISO 3864 |
|  | 120 x 200 | **2658AS003-GB** | 1 | *3* |
| **WST-TSW** | WARNING! | | | |
|  | 100 | **0401AS013-GB** | 2 | *10* |
| **WS-FG** | **Falling materials** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | **202602** | 10 | *50* |
| | 100 | **202603** | 2 | *10* |
| | 150 | **202604** | 1 | *10* |
| | 200 | **202605** | 1 | *5* |
| | 300 | **202606** | 1 | *1* |
| **WS-HL** | **Suspended loads** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | **202702** | 10 | *50* |
| | 100 | **202703** | 2 | *10* |
| | 150 | **202704** | 1 | *10* |
| | 200 | **202705** | 1 | *5* |
| | 300 | **202706** | 1 | *1* |
| **WST-LSY** | Suspended loads | | | UNI 7543 - ISO 3864 |
|  | 120 x 200 | **2458HL001-GB** | 1 | *3* |
| **WS-AF** | **Hole in the ground** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **203201** | 24 | *240* |
| | 50 | **203202** | 10 | *50* |
| | 100 | **203203** | 2 | *10* |
| | 150 | **203204** | 1 | *10* |
| | 200 | **203205** | 1 | *5* |
| | 300 | **203206** | 1 | *1* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| **WS-DF** | **Danger of falling** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **203301** | 24 | *240* |
| | 50 | **203302** | 10 | *50* |
| | 100 | **203303** | 2 | *10* |
| | 150 | **203304** | 1 | *10* |
| | 200 | **203305** | 1 | *5* |
| | 300 | **203306** | 1 | *1* |
| **WS-DO** | **Obstacles on ground** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **203401** | 24 | *240* |
| | 50 | **203402** | 10 | *50* |
| | 100 | **203403** | 2 | *10* |
| | 150 | **203404** | 1 | *10* |
| | 200 | **203405** | 1 | *5* |
| | 300 | **203406** | 1 | *1* |
| **WS-SD** | **Slippery surface** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **203501** | 24 | *240* |
| | 50 | **203502** | 10 | *50* |
| | 100 | **203503** | 2 | *10* |
| | 150 | **203504** | 1 | *10* |
| | 200 | **203505** | 1 | *5* |
| | 300 | **203506** | 1 | *1* |
| **WS-CH** | **Danger to hands** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 12,5 | **202800** | 64 | *320* |
| | | **202800-BULK** | 323 | *1.615* |
| | 25 | **202801** | 24 | *240* |
| | | **202801-BULK** | 120 | *1.200* |
| | 50 | **202802** | 10 | *50* |
| | | **202802-BULK** | 30 | *900* |
| | 100 | **202803** | 2 | *10* |
| | | **202803-BULK** | 6 | *450* |
| | 150 | **202804** | 1 | *10* |
| | 200 | **202805** | 1 | *5* |
| | 300 | **202806** | 1 | *1* |
| **WST-LSY** | Danger to hands | | | UNI 7543 - ISO 3864 |
|  | 65 x 131 | **2455CH001-GB** | 1 | *10* |
| **WST-TSW** | Danger to hands | | | |
|  | 50 | **0400CH001-GB** | 5 | *25* |
| | 100 | **0401CH001-GB** | 2 | *10* |
| | 150 | **0402CH001-GB** | 1 | *5* |
| **WST-PAY** | WARNING! Danger to hands | | | UNI 7543 - ISO 3864 |
|  | 297 x 210 | **3658CH001-GB** | 1 | *2* |
| **WST-TSW** | Danger of crushing | | | |
|  | 50 | **0400CH003-GB** | 5 | *25* |
| | 100 | **0401CH003-GB** | 2 | *10* |
| **WS-MB** | **Danger of crushing** | | | |
|  | 50 | **202902** | 10 | *50* |
| | 100 | **202903** | 2 | *10* |
| | 150 | **202904** | 1 | *10* |
| | 200 | **202905** | 1 | *5* |
| | 300 | **202906** | 1 | *1* |



CEMBRE

# WS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WST-LSY | Danger of crushing | | | UNI 7543 - ISO 3864 |
|  | 65 x 131 | 2455MB001-GB | 1 | 10 |
| WS-PA | Vehicles crossing | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 203601 | 24 | 240 |
| | 50 | 203602 | 10 | 50 |
| | 100 | 203603 | 2 | 10 |
| | 150 | 203604 | 1 | 10 |
| | 200 | 203605 | 1 | 5 |
| | 300 | 203606 | 1 | 1 |
| WS-VR | Mining car | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 203701 | 24 | 240 |
| | 50 | 203702 | 10 | 50 |
| | 100 | 203703 | 2 | 10 |
| | 150 | 203704 | 1 | 10 |
| | 200 | 203705 | 1 | 5 |
| | 300 | 203706 | 1 | 1 |
| WS-MC | Lift trucks | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | 203102 | 10 | 50 |
| | 100 | 203103 | 2 | 10 |
| | 150 | 203104 | 1 | 10 |
| | 200 | 203105 | 1 | 5 |
| | 300 | 203106 | 1 | 1 |
| WS-MT | Danger of tipping | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | 203002 | 10 | 50 |
| | 100 | 203003 | 2 | 10 |
| | 150 | 203004 | 1 | 10 |
| | 200 | 203005 | 1 | 5 |
| | 300 | 203006 | 1 | 1 |
| WS-DD | Danger of death | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | 204702 | 10 | 50 |
| | 100 | 204703 | 2 | 10 |
| | 150 | 204704 | 1 | 10 |
| | 200 | 204705 | 1 | 5 |
| | 300 | 204706 | 1 | 1 |
| WS-OL | Optical light | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | 204902 | 10 | 50 |
| | 100 | 204903 | 2 | 10 |
| | 150 | 204904 | 1 | 10 |
| | 200 | 204905 | 1 | 5 |
| | 300 | 204906 | 1 | 1 |
| WS-ST | Steam | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 204801 | 24 | 240 |
| | 50 | 204802 | 10 | 50 |
| | 100 | 204803 | 2 | 10 |
| | 150 | 204804 | 1 | 10 |
| | 200 | 204805 | 1 | 5 |
| | 300 | 204806 | 1 | 1 |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WS-BS | Boiling substance | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | 205002 | 10 | 50 |
| | 100 | 205003 | 2 | 10 |
| | 150 | 205004 | 1 | 10 |
| | 200 | 205005 | 1 | 5 |
| | 300 | 205006 | 1 | 1 |
| WS-HK | Lifting hook | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | 204602 | 10 | 50 |
| | 100 | 204603 | 2 | 10 |
| | 150 | 204604 | 1 | 10 |
| | 200 | 204605 | 1 | 5 |
| WS-PR | Automatic carrier | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | 205102 | 10 | 50 |
| | 100 | 205103 | 2 | 10 |
| | 150 | 205104 | 1 | 10 |
| | 200 | 205105 | 1 | 5 |
| | 300 | 205106 | 1 | 1 |
| WS-LF | Lifting forks | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 50 | 204502 | 10 | 50 |
| | 100 | 204503 | 2 | 10 |
| | 150 | 204504 | 1 | 10 |
| | 200 | 204505 | 1 | 5 |
| WS-WD | Watchdog | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 100 | 205203 | 2 | 10 |
| | 150 | 205204 | 2 | 10 |
| | 200 | 205205 | 1 | 5 |
| | 300 | 205206 | 1 | 1 |
| WS-LR | Laser | | | |
|  | 25 | 203801 | 24 | 240 |
| | 50 | 203802 | 10 | 50 |
| | 100 | 203803 | 2 | 10 |
| | 150 | 203804 | 1 | 10 |
| | 200 | 203805 | 1 | 5 |
| | 300 | 203806 | 1 | 1 |
| WS-LB | Laser | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 12,5 | 203900 | 64 | 320 |
| | | 203900-BULK | 323 | 1.615 |
| | 25 | 203901 | 24 | 240 |
| | | 203901-BULK | 120 | 1.200 |
| | 50 | 203902 | 10 | 50 |
| | | 203902-BULK | 30 | 900 |
| | 100 | 203903 | 2 | 10 |
| | | 203903-BULK | 6 | 450 |

# WS

GB English F French D German E Spanish ... other language

*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WS-HTP | **Electrical hazard** | | | |
|  | 37 x 18 | **204000** | 7 | *35* |
| | | **204000-BULK** | 60 | *1.080* |
| | 52 x 26 | **204001** | 5 | *25* |
| | | **204001-BULK** | 27 | *810* |
| | 74 x 37 | **204002** | 3 | *15* |
| | | **204002-BULK** | 12 | *1.020* |
| | 105 x 52 | **204003** | 1 | *10* |
| | | **204003-BULK** | 6 | *300* |
| | 148 x 74 | **204004** | 1 | *5* |
| | 200 x 120 | **204005** | 1 | *3* |
| | 230 V | | | |
|   | 52 x 26 | **204101HT012** | 5 | *25* |
| | | **204101HT012-BULK** | 27 | *810* |
| | 74 x 37 | **204102HT012** | 3 | *15* |
| | | **204102HT012-BULK** | 12 | *1.020* |
| | 105 x 52 | **204103HT012** | 1 | *10* |
| | | **204103HT012-BULK** | 6 | *300* |
| | 400 V | | | |
|   | 52 x 26 | **204101HT015** | 5 | *25* |
| | | **204101HT015-BULK** | 27 | *810* |
| | 74 x 37 | **204102HT015** | 3 | *15* |
| | | **204102HT015-BULK** | 12 | *1.020* |
| | 105 x 52 | **204103HT015** | 1 | *10* |
| | | **204103HT015-BULK** | 6 | *300* |
| | 400 V AC | | | |
|   | 52 x 26 | **204101HT075** | 5 | *25* |
| | 415 V | | | |
|   | 52 x 26 | **204101HT085** | 5 | *25* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WS-ESD | **Static electricity** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 12,5 | **200000** | 64 | *320* |
| | | **200000-BULK** | 323 | *1.615* |
| | 25 | **200001** | 24 | *240* |
| | | **200001-BULK** | 120 | *1.200* |
| | 50 | **200002** | 10 | *50* |
| | | **200002-BULK** | 30 | *900* |
| | 100 | **200003** | 2 | *10* |
| | | **200003-BULK** | 6 | *300* |
| WST-ESDT | WARNING! Static electricity. Take appropriate precautions | | | |
|   | 26 x 52 | **3601ES001-GB** | 3 | *15* |
| WST-ESDT | WARNING! | | | |
|   | 37 x 74 | **3600ES002-GB** | 5 | *25* |
| WSE | **Emergency - STOP** | | | |
|   | 60 | **204500** | 1 | *10* |
| | 80 | **204501** | 1 | *10* |
| | 60 | **204500-GB** | 1 | *10* |
| | 80 | **204501-GB** | 1 | *10* |
| | 60 | **204500-D** | 1 | *10* |
| | 60 | **204500-F** | 1 | *10* |
| | 80 | **204501-F** | 1 | *10* |
| | 60 | **204500-E** | 1 | *10* |
| | 80 | **204501-E** | 1 | *10* |
| | 60 | **204500-P** | 1 | *10* |
| | rigid PVC, no adhesive | | | |
| | 60 | **204500VR** | 1 | *10* |
| | 80 | **204501VR** | 1 | *10* |
| | 60 | **204500VR-GB** | 1 | *10* |
| | 80 | **204501VR-GB** | 1 | *10* |
| | 60 | **204500VR-D** | 1 | *10* |
| | 60 | **204500VR-E** | 1 | *10* |

# WS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| WS-PV | **Solar power** | | | |
| WST-PSY | PV ARREY MODULE DANGER contains live parts during daylight | | | |
|  | 80 x 50 | **3460PV009-GB** | | *90* |
| WST-PSY | PV ARREY DC JUNCTION BOX DANGER contains live parts during daylight | | | |
|  | 80 x 50 | **3460PV010-GB** | | *90* |
| WST-PSY | PV SYSTEM Main AC isolator | | | |
|  | 80 x 50 | **3460PV011-GB** | | *90* |
| WST-PSY | PV ARREY DC ISOLATOR DANGER contains live parts during daylight | | | |
|  | 80 x 50 | **3460PV012-GB** | | *90* |
| WST-PSY | PV ARREY CABLE DANGER High Voltage DC live during daylight | | | |
|  | 80 x 50 | **3460PV013-GB** | | *90* |
| WST-LAY | WARNING! Live photovoltaic system during daytime 400 V DC | | | UNI 7543 - ISO 3864 |
|  | 18 x 37 | **2652HT123-GB** | 7 | *35* |
| WST-LAY | WARNING! Live photovoltaic system during daytime 600 V DC | | | UNI 7543 - ISO 3864 |
|  | 18 x 37 | **2652HT124-GB** | 7 | *35* |
| WST-LAY | WARNING! Live photovoltaic system during daytime 800 V DC | | | UNI 7543 - ISO 3864 |
|  | 18 x 37 | **2652HT125-GB** | 7 | *35* |
| | WARNING! Live photovoltaic system during daytime 1,000 V DC | | | UNI 7543 - ISO 3864 |
|  | 18 x 37 | **2652HT126-GB** | 7 | *35* |

# PS

## *Prohibition symbols*

*PVC film, on sheet*

Consist of PS symbols supplemented by information in text form PST, or text only signs which can be used in combination with symbol only signs. Available in different graphic modes and formats, for marking equipment, machinery and installations in a detailed and efficient way.

**Material:** Polyester film over-laminated with transparent film resistant to UV, thickness approximately 0,1 mm. Resistant to Water, Oil, Grease, Alcohol, Detergent, Alkaline Substances and Atmospheric Agents. Low flammability, self extinguishing. Recommended for application to equipment for internal or external use, but not directly exposed to atmospheric agents. If exposed to atmospheric agents, the life of the label may be limited to five years.

**Application temperature range:** -40°C to +130°C




PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| PS-NS | **No smoking** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **210000** | 15 | *150* |
| | 50 | **210001** | 3 | *30* |
| | 60 | **210002** | 3 | *30* |
| | 100 | **210003** | 2 | *10* |
| | 200 | **210004** | 1 | *5* |
| | 300 | **210005** | 1 | *1* |
| PST-LSR | No smoking | | | ISO 3864 - UNI 7543 |
| No smoking | 150 x 300 | **4207NS001-GB** | 1 | *3* |
| PST-PSW | No smoking | | | ISO 3864 - UNI 7543 |
| No smoking | 297 x 210 | **4307NS001-GB** | 1 | *2* |
| PS-FL | **Do not use open flames** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **210100** | 15 | *150* |
| | 50 | **210101** | 3 | *30* |
| | 60 | **210102** | 3 | *30* |
| | 100 | **210103** | 2 | *10* |
| | 200 | **210104** | 1 | *5* |
| | 300 | **210105** | 1 | *1* |
| PST-LSR | Do not use open flames | | | |
| Do not use open flames | 150 x 300 | **4207FL001-GB** | 1 | *3* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| PS-SW | **Do not use water to extinguish fires** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **210200** | 15 | *150* |
| | | **210200-BULK** | 63 | *1.260* |
| | 50 | **210201** | 3 | *30* |
| | | **210201-BULK** | 15 | *750* |
| | 60 | **210202** | 3 | *30* |
| | 100 | **210203** | 2 | *10* |
| | | **210203-BULK** | 4 | *500* |
| | 200 | **210204** | 1 | *5* |
| | 300 | **210205** | 1 | *1* |
| PST-LSR | No water to be used for extinguishing fires | | | ISO 3864 - UNI 7543 |
| | 32 x 65 | **4200SW001-GB** | 4 | *20* |
| | 37 x 74 | **4201SW001-GB** | 3 | *15* |
| No water to be used for extinguishing fires | 52 x 105 | **4202SW001-GB** | 1 | *10* |
| | 65 x 131 | **4203SW001-GB** | 1 | *10* |
| | 74 x 148 | **4204SW001-GB** | 1 | *5* |
| | 150 x 300 | **4207SW001-GB** | 1 | *3* |
| PST-PSW | No water to be used for extinguishing fires | | | ISO 3864 - UNI 7543 |
| No water to be used for extinguishing fires | 105 x 74 | **4303SW001-GB** | 1 | *10* |
| | 210 x 148 | **4306SW001-GB** | 1 | *3* |
| PST-LSR | Do not use water to extinguish fires | | | |
| Do not use water to extinguish fires | 52 x 105 | **4202SW002-GB** | 1 | *10* |
| PST-PSW | Do not use water here | | | ISO 3864 - UNI 7543 |
| Do not use water here | 297 x 210 | **4307SW004-GB** | 1 | *2* |
| PST-LSR | Do not use water to extinguish fires | | | |
| Do not use water to extinguish fires | 65 x 131 | **4203SW005-GB** | 1 | *10* |



CEMBRE

# PS

PET | HF | -40°C | +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| **PS-TP** | **No photographs** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **212600** | 15 | *150* |
| | 50 | **212601** | 3 | *30* |
| | 60 | **212602** | 3 | *30* |
| | 100 | **212603** | 2 | *10* |
| | 200 | **212604** | 1 | *5* |
| | 300 | **212605** | 1 | *1* |
| **PS-DW** | **No drinking, no drinking water** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **210300** | 15 | *150* |
| | 50 | **210301** | 3 | *30* |
| | 60 | **210302** | 3 | *30* |
| | 100 | **210303** | 2 | *10* |
| | 200 | **210304** | 1 | *5* |
| | 300 | **210305** | 1 | *1* |
| **PS-SK** | **No water jets** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **210400** | 15 | *150* |
| | 50 | **210401** | 3 | *30* |
| | 60 | **210402** | 3 | *30* |
| | 100 | **210403** | 2 | *10* |
| | 200 | **210404** | 1 | *5* |
| | 300 | **210405** | 1 | *1* |
| **PST-PSW** | Do not wash machines with water jets | | | ISO 3864 - UNI 7543 |
|  | 92 x 65 | **4302SK007-GB** | 1 | *10* |
| **PS-DC** | **Do not turn the switch** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **211500** | 15 | *150* |
| | 50 | **211501** | 3 | *30* |
| | 60 | **211502** | 3 | *30* |
| | 100 | **211503** | 2 | *10* |
| | 200 | **211504** | 1 | *5* |
| | 300 | **211505** | 1 | *1* |
| **PST-LSR** | Do not operate the switch | | | |
|  | 65 x 131 | **4203DC001-GB** | 1 | *10* |
| **PS-NP** | **No entry** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **210500** | 15 | *150* |
| | 50 | **210501** | 3 | *30* |
| | 60 | **211502** | 3 | *30* |
| | 100 | **210503** | 2 | *10* |
| | 200 | **211504** | 1 | *5* |
| | 300 | **211505** | 1 | *1* |
| **PST-PSW** | Access prohibited | | | ISO 3864 - UNI 7543 |
|  | 74 x 52 | **4301NP003-GB** | 2 | *10* |
| | 148 x 105 | **4304NP003-GB** | 1 | *5* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| **PST-LSR** | Access for personnel only | | | |
|  | 150 x 300 | **4207NP004-GB** | 1 | *3* |
| **PST-LSR** | No access to unauthorised personnel | | | ISO 3864 - UNI 7543 |
|  | 52 x 105 | **4202NP005-GB** | 1 | *10* |
| | 74 x 148 | **4204NP005-GB** | 1 | *5* |
| **PST-PSW** | No access to unauthorised personnel | | | ISO 3864 - UNI 7543 |
|  | 297 x 210 | **4307NP005-GB** | 1 | *2* |
| **PST-PSW** | No access to unauthorised persons | | | ISO 3864 - UNI 7543 |
|  | 105 x 74 | **4303NP006-GB** | 1 | *10* |
| **PST-LSR** | No access to non-company personnel | | | ISO 3864 - UNI 7543 |
|  | 74 x 148 | **4204NP007-GB** | 1 | *5* |
| **PS-PP** | **No pedestrian traffic** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **210600** | 15 | *150* |
| | 50 | **210601** | 3 | *30* |
| | 60 | **210602** | 3 | *30* |
| | 100 | **210603** | 2 | *10* |
| | 200 | **210604** | 1 | *5* |
| | 300 | **210605** | 1 | *1* |
| **PST-LSR** | Pedestrians not allowed on this route | | | ISO 3864 - UNI 7543 |
|  | 105 x 210 | **4205PP005-GB** | 1 | *3* |
| **PS-AA** | **No access for animals** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **210700** | 15 | *150* |
| | 50 | **210701** | 3 | *30* |
| | 60 | **210702** | 3 | *30* |
| | 100 | **210703** | 2 | *10* |
| | 200 | **210704** | 1 | *5* |
| | 300 | **210705** | 1 | *1* |
| **PS-PC** | **No access for lift trucks** | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **210800** | 15 | *150* |
| | 50 | **210801** | 3 | *30* |
| | 60 | **210802** | 3 | *30* |
| | 100 | **210803** | 2 | *10* |
| | 200 | **210804** | 1 | *5* |
| | 300 | **210805** | 1 | *1* |
| **PS-NM** | **Do not carry out any operations** | | | |
|  | 25 | **211400** | 15 | *150* |
| | 50 | **211401** | 3 | *30* |
| | 60 | **211402** | 3 | *30* |
| | 100 | **211403** | 2 | *10* |
| | 200 | **211404** | 1 | *5* |
| | 300 | **211405** | 1 | *1* |

# PS

GB English F French D German E Spanish ... other language

*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| PST-LSR | Do not carry out any operations | | | |
| | 65 x 131 | **4203NM001-GB** | 1 | *10* |
| | 120 x 200 | **4206NM001-GB** | 1 | *3* |
| PS-AP | General prohibition | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **212700** | 15 | *150* |
| | 50 | **212701** | 3 | *30* |
| | 60 | **212702** | 3 | *30* |
| | 100 | **212703** | 2 | *10* |
| *Always use in combination with other symbol or text* | 200 | **212704** | 1 | *5* |
| | 300 | **212705** | 1 | *1* |
| PS-MF | Mobile radios prohibited | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **211600** | 15 | *150* |
| | 50 | **211601** | 3 | *30* |
| | 60 | **211602** | 3 | *30* |
| | 100 | **211603** | 2 | *10* |
| | 200 | **211604** | 1 | *5* |
| | 300 | **211605** | 1 | *1* |
| PS-CP | Mobile phones prohibited | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **211700** | 15 | *150* |
| | 50 | **211701** | 3 | *30* |
| | 60 | **211702** | 3 | *30* |
| | 100 | **211703** | 2 | *10* |
| | 200 | **211704** | 1 | *5* |
| | 300 | **211705** | 1 | *1* |
| PS-PM | No access to cardiac pacemakers | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **212100** | 15 | *150* |
| | 50 | **212101** | 3 | *30* |
| | 60 | **212102** | 3 | *30* |
| | 100 | **212103** | 2 | *10* |
| | 200 | **212104** | 1 | *5* |
| | 300 | **212105** | 1 | *1* |
| PST-PSW | No access for persons with cardiac stimulators | | | ISO 3864 - UNI 7543 |
| | 297 x 210 | **4307PM001-GB** | 1 | *2* |
| PS-MC | Do not bring magnetic cards in here | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **211800** | 15 | *150* |
| | 50 | **211801** | 3 | *30* |
| | 60 | **211802** | 3 | *30* |
| | 100 | **211803** | 2 | *10* |
| | 200 | **211804** | 1 | *5* |
| | 300 | **211805** | 1 | *1* |
| PS-MT | Do not bring watches or metal objects in here | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **211900** | 15 | *150* |
| | 50 | **211901** | 3 | *30* |
| | 60 | **211902** | 3 | *30* |
| | 100 | **211903** | 2 | *10* |
| | 200 | **211904** | 1 | *5* |
| | 300 | **211905** | 1 | *1* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| PS-MP | No access for persons with metal prostheses | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **212000** | 15 | *150* |
| | 50 | **212001** | 3 | *30* |
| | 60 | **212002** | 3 | *30* |
| | 100 | **212003** | 2 | *10* |
| | 200 | **212004** | 1 | *5* |
| | 300 | **212005** | 1 | *1* |
| PS-RP | Do not remove guards | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **212400** | 15 | *150* |
| | 50 | **212401** | 3 | *30* |
| | 60 | **212402** | 3 | *30* |
| | 100 | **212403** | 2 | *10* |
| | 200 | **212404** | 1 | *5* |
| | 300 | **212405** | 1 | *1* |
| PST-LSR | Do not remove guards | | | |
| | 52 x 105 | **4202RP001-GB** | 1 | *10* |
| PST-PSW | Do not remove guards | | | ISO 3864 - UNI 7543 |
| | 92 x 65 | **4302RP001-GB** | 1 | *10* |
| PST-LSR | Do not remove the protection and safety devices | | | |
| | 37 x 74 | **4201RP003-GB** | 3 | *15* |
| PST-PSW | Do not remove the protection and safety devices | | | ISO 3864 - UNI 7543 |
| | 74 x 52 | **4301RP003-GB** | 2 | *10* |
| | 92 x 65 | **4302RP003-GB** | 1 | *10* |
| | 105 x 74 | **4303RP003-GB** | 1 | *10* |
| | 148 x 105 | **4304RP003-GB** | 1 | *5* |
| PS-HC | Do not stand under the forks | | | ISO 3864 - UNI 7543 |
| | 25 | **210900** | 15 | *150* |
| | 50 | **210901** | 3 | *30* |
| | 60 | **210902** | 3 | *30* |
| | 100 | **210903** | 2 | *10* |
| | 200 | **210904** | 1 | *5* |
| | 300 | **210905** | 1 | *1* |
| PS-UC | No climbing on the forks | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **211000** | 15 | *150* |
| | 50 | **211001** | 3 | *30* |
| | 60 | **211002** | 3 | *30* |
| | 100 | **211003** | 2 | *10* |
| | 200 | **211004** | 1 | *5* |
| | 300 | **211005** | 1 | *1* |
| PS-SM | No materials to be deposited | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **211100** | 15 | *150* |
| | 50 | **211101** | 3 | *30* |
| | 60 | **211102** | 3 | *30* |
| | 100 | **211103** | 2 | *10* |
| | 200 | **211104** | 1 | *5* |
| | 300 | **211105** | 1 | *1* |

# PS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| PS-UG | Use of gloves prohibited | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 212800 | 15 | 150 |
| | 50 | 212801 | 3 | 30 |
| | 60 | 212802 | 3 | 30 |
| | 100 | 212803 | 2 | 10 |
| | 200 | 212804 | 1 | 5 |
| | 300 | 212805 | 1 | 1 |
| PS-NL | Do not lubricate moving parts | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 212500 | 15 | 150 |
| | 50 | 212501 | 3 | 30 |
| | 60 | 212502 | 3 | 30 |
| | 100 | 212503 | 2 | 10 |
| | 200 | 212504 | 1 | 5 |
| | 300 | 212505 | 1 | 1 |
| PST-PSW | Do not lubricate moving parts | | | ISO 3864 - UNI 7543 |
|  | 92 x 65 | 4302NL001-GB | 1 | 10 |
| | 148 x 105 | 4304NL001-GB | 1 | 5 |
| PST-PSW | No operations permitted on moving parts | | | ISO 3864 - UNI 7543 |
|  | 92 x 65 | 4302NL003-GB | 1 | 10 |
| | 105 x 74 | 4303NL003-GB | 1 | 10 |
| | 148 x 105 | 4304NL003-GB | 1 | 5 |
| PST-PSW | Do not lubricate and clean while in motion | | | ISO 3864 - UNI 7543 |
|  | 74 x 52 | 4301NL006-GB | 2 | 10 |
| PST-PSW | Do not repair or adjust while in motion | | | ISO 3864 - UNI 7543 |
|  | 74 x 52 | 4301NL007-GB | 2 | 10 |
| PS-SC | Do not spray CFCs | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 213000 | 15 | 150 |
| | 50 | 213001 | 3 | 30 |
| | 60 | 213002 | 3 | 30 |
| | 100 | 213003 | 2 | 10 |
| | 200 | 213004 | 1 | 5 |
| | 300 | 213005 | 1 | 1 |
| PS-LK | Use of padlocks prohibited | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 213100 | 15 | 150 |
| | 50 | 213101 | 3 | 30 |
| | 60 | 213102 | 3 | 30 |
| | 100 | 213103 | 2 | 10 |
| | 200 | 213104 | 1 | 5 |
| | 300 | 213105 | 1 | 1 |
| PS-HF | Hair is not to be worn loose | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 213200 | 15 | 150 |
| | 50 | 213201 | 3 | 30 |
| | 60 | 213202 | 3 | 30 |
| | 100 | 213203 | 2 | 10 |
| | 200 | 213204 | 1 | 5 |
| | 300 | 213205 | 1 | 1 |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| PS-PE | No riding on the goods lift | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 212200 | 15 | 150 |
| | 50 | 212201 | 3 | 30 |
| | 60 | 212202 | 3 | 30 |
| | 100 | 212203 | 2 | 10 |
| | 200 | 212204 | 1 | 5 |
| | 300 | 212205 | 1 | 1 |
| PS-PH | Goods lift not to be used for carrying persons | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 212300 | 15 | 150 |
| | 50 | 212301 | 3 | 30 |
| | 60 | 212302 | 3 | 30 |
| | 100 | 212303 | 2 | 10 |
| | 200 | 212304 | 1 | 5 |
| | 300 | 212305 | 1 | 1 |
| PS-ED | No camping | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 212900 | 15 | 150 |
| | 50 | 212901 | 3 | 30 |
| | 60 | 212902 | 3 | 30 |
| | 100 | 212903 | 2 | 10 |
| | 200 | 212904 | 1 | 5 |
| | 300 | 212905 | 1 | 1 |
| PS-MS | Do not approach magnetic fields | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 213300 | 15 | 150 |
| | 50 | 213301 | 3 | 30 |
| | 60 | 213302 | 3 | 30 |
| | 100 | 213303 | 2 | 10 |
| | 200 | 213304 | 1 | 5 |
| | 300 | 213305 | 1 | 1 |
| PS-OD | Do not touch | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 211200 | 15 | 150 |
| | 50 | 211201 | 3 | 30 |
| | 60 | 211202 | 3 | 30 |
| | 100 | 211203 | 2 | 10 |
| | 200 | 211204 | 1 | 5 |
| | 300 | 211205 | 1 | 1 |
| PST-PSW | Do not touch | | | ISO 3864 - UNI 7543 |
|  | 74 x 52 | 43010D001-GB | 2 | 10 |
| | 105 x 74 | 43030D001-GB | 1 | 10 |
| | 297 x 210 | 43070D001-GB | 1 | 2 |
| PST-LSR | Do not open | | | |
|  | 52x105 | 42020D002-GB | 1 | 10 |
| PST-LSR | Do not open. Panel to be opened by authorised persons only | | | |
|  | 52 x 105 | 42020D007-GB | 1 | 10 |
| | 74 x 148 | 42040D007-GB | 1 | 5 |

# PS

GB English F French D German E Spanish ... other language

*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| PST-LSR | Do not open. Panel to be opened by electricians only | | | |
| | 37 x 74 | **42010D008-GB** | 3 | *15* |
| | 52 x 105 | **42020D008-GB** | 1 | *10* |
| | 74 x 148 | **42040D008-GB** | 1 | *5* |
| PST-PSW | Do not open. Panel to be opened by electricians only | | | ISO 3864 - UNI 7543 |
| | 74 x 52 | **43010D008-GB** | 2 | *10* |
| | 105 x 74 | **43030D008-GB** | 1 | *10* |
| PST-LSR | Unauthorised opening forbidden | | | |
| | 65 x 131 | **42030D009-GB** | 1 | *10* |
| PS-TA | Do not open | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **211300** | 15 | *150* |
| | | **211300-BULK** | 63 | *1.260* |
| | 50 | **211301** | 3 | *30* |
| | | **211301-BULK** | 15 | *750* |
| | 60 | **211302** | 3 | *30* |
| | 100 | **211303** | 2 | *10* |
| | | **211303-BULK** | 4 | *500* |
| | 200 | **211304** | 1 | *5* |
| | 300 | **211305** | 1 | *1* |
| PST-LSR | Do not open | | | |
| | 52 x 105 | **4202TA001-GB** | 1 | *10* |
| PST-LSR | Do not open live equipment | | | |
| | 52 x 105 | **4202TA003-GB** | 1 | *10* |
| PST-LSR | Do not open. Panel to be opened by authorised persons only | | | |
| | 37 x 74 | **4201TA006-GB** | 3 | *15* |
| | 52 x 105 | **4202TA006-GB** | 1 | *10* |
| | 65 x 131 | **4203TA006-GB** | 1 | *10* |
| PST-PSW | Do not open. Panel to be opened by authorised persons only | | | ISO 3864 - UNI 7543 |
| | 92 x 65 | **4302TA006-GB** | 1 | *10* |
| PST-LSR | Do not open. Panel to be opened by electricians only | | | |
| | 52 x 105 | **4202TA007-GB** | 1 | *10* |
| | 105 x 210 | **4205TA007-GB** | 1 | *3* |
| PST-PSW | Do not open. Panel to be opened by electricians only | | | ISO 3864 - UNI 7543 |
| | 92 x 65 | **4302TA007-GB** | 1 | *10* |
| PS-RS | Use of roller skates prohibited | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **213500** | 15 | *150* |
| | 50 | **213501** | 3 | *30* |
| | 60 | **213502** | 3 | *30* |
| | 100 | **213503** | 2 | *10* |
| | 200 | **213504** | 1 | *5* |
| | 300 | **213505** | 1 | *1* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| PS-MH | Do not stand under the moving arm | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **213400** | 15 | *150* |
| | 50 | **213401** | 3 | *30* |
| | 60 | **213402** | 3 | *30* |
| | 100 | **213403** | 2 | *10* |
| | 200 | **213404** | 1 | *5* |
| | 300 | **213405** | 1 | *1* |

# MS

## Mandatory signs

*Polyester film, Halogen free, on sheet*

Consist of MS symbols supplemented by information in text form MST, or text only signs which can be used in combination with symbol only signs. Available in different graphic modes and formats, for marking equipment, machinery and installations in a detailed and efficient way.



**Material:** Polyester film over-laminated with transparent film resistant to UV, thickness approximately 0,1 mm. Resistant to Water, Oil, Grease, Alcohol, Detergent, Alkaline Substances and Atmospheric Agents. Low flammability, self extinguishing. Recommended for application to equipment for internal or external use, but not directly exposed to atmospheric agents. If exposed to atmospheric agents, the life of the label may be limited to five years.

**Application temperature range:** -40°C to +130°C

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| MS-WG | Protective goggles must be worn | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 220000 | 15 | 150 |
| | 50 | 220001 | 3 | 30 |
| | 60 | 220002 | 3 | 30 |
| | 100 | 220003 | 2 | 10 |
| | 200 | 220004 | 1 | 5 |
| | 300 | 220005 | 1 | 1 |
| MS-WH | Protective helmets are required | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 220100 | 15 | 150 |
| | 50 | 220101 | 3 | 30 |
| | 60 | 220102 | 3 | 30 |
| | 100 | 220103 | 2 | 10 |
| | 200 | 220104 | 1 | 5 |
| | 300 | 220105 | 1 | 1 |
| MS-WD | Protective earmuffs are required | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 220200 | 15 | 150 |
| | 50 | 220201 | 3 | 30 |
| | 60 | 220202 | 3 | 30 |
| | 100 | 220203 | 2 | 10 |
| | 200 | 220204 | 1 | 5 |
| | 300 | 220205 | 1 | 1 |
| MST-PSW | Protect your hearing | | | ISO 3864 - UNI 7543 |
|  | 148X105 | 6304WD002-GB | 1 | 5 |
| MS-WO | Full body protection required | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 220700 | 15 | 150 |
| | 50 | 220701 | 3 | 30 |
| | 60 | 220702 | 3 | 30 |
| | 100 | 220703 | 2 | 10 |
| | 200 | 220704 | 1 | 5 |
| | 300 | 220705 | 1 | 1 |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| MS-GM | Gas masks required | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 220300 | 15 | 150 |
| | 50 | 220301 | 3 | 30 |
| | 60 | 220302 | 3 | 30 |
| | 100 | 220303 | 2 | 10 |
| | 200 | 220304 | 1 | 5 |
| | 300 | 220305 | 1 | 1 |
| MS-MM | Protective mask required | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 220400 | 15 | 150 |
| | 50 | 220401 | 3 | 30 |
| | 60 | 220402 | 3 | 30 |
| | 100 | 220403 | 2 | 10 |
| | 200 | 220404 | 1 | 5 |
| | 300 | 220405 | 1 | 1 |
| MS-WC | Hats must be worn | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 220500 | 15 | 150 |
| | 50 | 220501 | 3 | 30 |
| | 60 | 220502 | 3 | 30 |
| | 100 | 220503 | 2 | 10 |
| | 200 | 220504 | 1 | 5 |
| | 300 | 220505 | 1 | 1 |
| MS-CG | Wear protective gloves | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | 220900 | 15 | 150 |
| | 50 | 220901 | 3 | 30 |
| | 60 | 220902 | 3 | 30 |
| | 100 | 220903 | 2 | 10 |
| | 200 | 220904 | 1 | 5 |
| | 300 | 220905 | 1 | 1 |
| MST-PSW | Wear protective gloves | | | ISO 3864 - UNI 7543 |
|  | 148 x 105 | 6304CG001-GB | 1 | 5 |

# MS

GB English F French D German E Spanish ... other language

*other language on request*

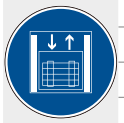
PET HF -40°C +130°C

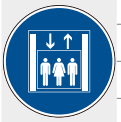
| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| MST-PSW | Safety gloves required | | | ISO 3864 - UNI 7543 |
| | 105 x 74 | **6303CG005-GB** | 1 | *10* |
| MS-HP | Hair must be tied back | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **220600** | 15 | *150* |
| | 50 | **220601** | 3 | *30* |
| | 60 | **220602** | 3 | *30* |
| | 100 | **220603** | 2 | *10* |
| | 200 | **220604** | 1 | *5* |
| | 300 | **220605** | 1 | *1* |
| MS-WA | Apron must be worn | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **220800** | 15 | *150* |
| | 50 | **220801** | 3 | *30* |
| | 60 | **220802** | 3 | *30* |
| | 100 | **220803** | 2 | *10* |
| | 200 | **220804** | 1 | *5* |
| | 300 | **220805** | 1 | *1* |
| MS-HD | Protect head and hearing | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **221200** | 15 | *150* |
| | 50 | **221201** | 3 | *30* |
| | 60 | **221202** | 3 | *30* |
| | 100 | **221203** | 2 | *10* |
| | 200 | **221204** | 1 | *5* |
| | 300 | **221205** | 1 | *1* |
| MS-GD | Protect eyes and hearing | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **221300** | 15 | *150* |
| | 50 | **221301** | 3 | *30* |
| | 60 | **221302** | 3 | *30* |
| | 100 | **221303** | 2 | *10* |
| | 200 | **221304** | 1 | *5* |
| | 300 | **221305** | 1 | *1* |
| MST-LSB | Protect eyes and hearing | | | ISO 3864 - UNI 7543 |
| | 120 x 200 | **6206GD001-GB** | 1 | *3* |
| MS-LG | Wear gloves with wrist protection | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **221000** | 15 | *150* |
| | 50 | **221001** | 3 | *30* |
| | 60 | **221002** | 3 | *30* |
| | 100 | **221003** | 2 | *10* |
| | 200 | **221004** | 1 | *5* |
| | 300 | **221005** | 1 | *1* |
| MS-WB | Wear protective footwear | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **221100** | 15 | *150* |
| | 50 | **221101** | 3 | *30* |
| | 60 | **221102** | 3 | *30* |
| | 100 | **221103** | 2 | *10* |
| | 200 | **221104** | 1 | *5* |
| | 300 | **221105** | 1 | *1* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| MST-PSW | Wear protective footwear | | | ISO 3864 - UNI 7543 |
| | 148 x 105 | **6304WB001-GB** | 1 | *5* |
| MS-WM | Wear facial protection | | | UNI EN ISO 7010 ISO 38\64 - UNI 7543 |
| | 25 | **221700** | 15 | *150* |
| | 50 | **221701** | 3 | *30* |
| | 60 | **221702** | 3 | *30* |
| | 100 | **221703** | 2 | *10* |
| | 200 | **221704** | 1 | *5* |
| | 300 | **221705** | 1 | *1* |
| MST-PSW | Wear face shield | | | ISO 3864 - UNI 7543 |
| | 105 x 74 | **6303WM001-GB** | 1 | *10* |
| MS-DS | Wear footwear with conductive soles | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **222200** | 15 | *150* |
| | 50 | **222201** | 3 | *30* |
| | 60 | **222202** | 3 | *30* |
| | 100 | **222203** | 2 | *10* |
| | 200 | **222204** | 1 | *5* |
| | 300 | **222205** | 1 | *1* |
| MS-MH | Wear helmet and face shield | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **221800** | 15 | *150* |
| | 50 | **221801** | 3 | *30* |
| | 60 | **221802** | 3 | *30* |
| | 100 | **221803** | 2 | *10* |
| | 200 | **221804** | 1 | *5* |
| | 300 | **221805** | 1 | *1* |
| MS-CH | Wash hands before leaving work | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **221900** | 15 | *150* |
| | 50 | **221901** | 3 | *30* |
| | 60 | **221902** | 3 | *30* |
| | 100 | **221903** | 2 | *10* |
| | 200 | **221904** | 1 | *5* |
| | 300 | **221905** | 1 | *1* |
| MS-PH | Wear safety harness | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **222000** | 15 | *150* |
| | 50 | **222001** | 3 | *30* |
| | 60 | **222002** | 3 | *30* |
| | 100 | **222003** | 2 | *10* |
| | 200 | **222004** | 1 | *5* |
| | 300 | **222005** | 1 | *1* |
| MS-HG | Protect head and eyes | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **221400** | 15 | *150* |
| | 50 | **221401** | 3 | *30* |
| | 60 | **221402** | 3 | *30* |
| | 100 | **221403** | 2 | *10* |
| | 200 | **221404** | 1 | *5* |
| | 300 | **221405** | 1 | *1* |

# MS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| MS-HM | Protect head and respiratory passages | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **221500** | 15 | *150* |
| | 50 | **221501** | 3 | *30* |
| | 60 | **221502** | 3 | *30* |
| | 100 | **221503** | 2 | *10* |
| | 200 | **221504** | 1 | *5* |
| | 300 | **221505** | 1 | *1* |
| MS-FP | Head, eyes and hearing must be protected | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **221600** | 15 | *150* |
| | 50 | **221601** | 3 | *30* |
| | 60 | **221602** | 3 | *30* |
| | 100 | **221603** | 2 | *10* |
| | 200 | **221604** | 1 | *5* |
| | 300 | **221605** | 1 | *1* |
| MS-SB | Wear safety belts | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **222100** | 15 | *150* |
| | 50 | **222101** | 3 | *30* |
| | 60 | **222102** | 3 | *30* |
| | 100 | **222103** | 2 | *10* |
| | 200 | **222104** | 1 | *5* |
| | 300 | **222105** | 1 | *1* |
| MS-CD | Keep the door closed | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **222300** | 15 | *150* |
| | 50 | **222301** | 3 | *30* |
| | 60 | **222302** | 3 | *30* |
| | 100 | **222303** | 2 | *10* |
| | 200 | **222304** | 1 | *5* |
| | 300 | **222305** | 1 | *1* |
| MS-PT | For pedestrians only | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **222400** | 15 | *150* |
| | 50 | **222401** | 3 | *30* |
| | 60 | **222402** | 3 | *30* |
| | 100 | **222403** | 2 | *10* |
| | 200 | **222404** | 1 | *5* |
| | 300 | **222405** | 1 | *1* |
| MS-PS | Footbridge | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **222500** | 15 | *150* |
| | 50 | **222501** | 3 | *30* |
| | 60 | **222502** | 3 | *30* |
| | 100 | **222503** | 2 | *10* |
| | 200 | **222504** | 1 | *5* |
| | 300 | **222505** | 1 | *1* |
| MS-ME | Lift for goods only | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **222600** | 15 | *150* |
| | 50 | **222601** | 3 | *30* |
| | 60 | **222602** | 3 | *30* |
| | 100 | **222603** | 2 | *10* |
| | 200 | **222604** | 1 | *5* |
| | 300 | **222605** | 1 | *1* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| MS-PD | Direction | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **223200** | 15 | *150* |
| | 50 | **223201** | 3 | *30* |
| | 60 | **223202** | 3 | *30* |
| | 100 | **223203** | 2 | *10* |
| | 200 | **223204** | 1 | *5* |
| | 300 | **223205** | 1 | *1* |
| MS-PE | Lift for passengers only | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **222700** | 15 | *150* |
| | 50 | **222701** | 3 | *30* |
| | 60 | **222702** | 3 | *30* |
| | 100 | **222703** | 2 | *10* |
| | 200 | **222704** | 1 | *5* |
| | 300 | **222705** | 1 | *1* |
| MS-DM | Unplug from mains | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **222800** | 15 | *150* |
| | 50 | **222801** | 3 | *30* |
| | 60 | **222802** | 3 | *30* |
| | 100 | **222803** | 2 | *10* |
| | 200 | **222804** | 1 | *5* |
| | 300 | **222805** | 1 | *1* |
| MS-BC | Switch off power before starting work | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **222900** | 15 | *150* |
| | 50 | **222901** | 3 | *30* |
| | 60 | **222902** | 3 | *30* |
| | 100 | **222903** | 2 | *10* |
| | 200 | **222904** | 1 | *5* |
| | 300 | **222905** | 1 | *1* |
| MST-PSW | Disconnect the line before carrying out any operation | | | ISO 3864 - UNI 7543 |
|  | 74 x 52 | **6301BC002-GB** | 2 | *10* |
| MS-AM | Obey safety regulations | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **223300** | 15 | *150* |
| | 50 | **223301** | 3 | *30* |
| | 60 | **223302** | 3 | *30* |
| | 100 | **223303** | 2 | *10* |
| *Always use in combination with other symbol or text* | 200 | **223304** | 1 | *5* |
| | 300 | **223305** | 1 | *1* |
| MS-SA | Smoking area | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
|  | 25 | **223000** | 15 | *150* |
| | 50 | **223001** | 3 | *30* |
| | 60 | **223002** | 3 | *30* |
| | 100 | **223003** | 2 | *10* |
| | 200 | **223004** | 1 | *5* |
| | 300 | **223005** | 1 | *1* |

# MS

GB English F French D German E Spanish ... other language

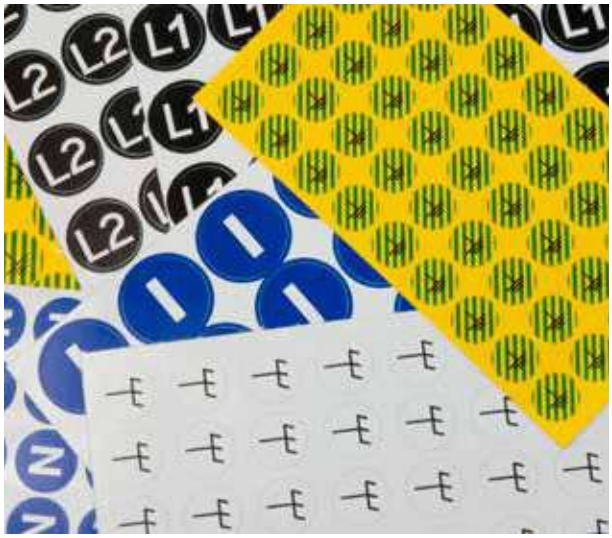
*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| MS-SS | Smoking allowed in marked areas only | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **223100** | 15 | *150* |
| | 50 | **223101** | 3 | *30* |
| | 60 | **223102** | 3 | *30* |
| | 100 | **223103** | 2 | *10* |
| | 200 | **223104** | 1 | *5* |
| | 300 | **223105** | 1 | *1* |
| MS-PL | Pedestrians turn left | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **223600** | 15 | *150* |
| | 50 | **223601** | 3 | *30* |
| | 60 | **223602** | 3 | *30* |
| | 100 | **223603** | 2 | *10* |
| | 200 | **223604** | 1 | *5* |
| | 300 | **223605** | 1 | *1* |
| MS-PR | Pedestrians turn right | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **223700** | 15 | *150* |
| | 50 | **223701** | 3 | *30* |
| | 60 | **223702** | 3 | *30* |
| | 100 | **223703** | 2 | *10* |
| | 200 | **223704** | 1 | *5* |
| | 300 | **223705** | 1 | *1* |
| MS-VS | Vehicles at walking pace | | | UNI EN ISO 7010 ISO 38\64 - UNI 7543 |
| | 25 | **223800** | 15 | *150* |
| | 50 | **223801** | 3 | *30* |
| | 60 | **223802** | 3 | *30* |
| | 100 | **223803** | 2 | *10* |
| | 200 | **223804** | 1 | *5* |
| | 300 | **223805** | 1 | *1* |
| MST-LSB | At walking pace | | | ISO 3864 - UNI 7543 |
| | 120 x 200 | **6206VS003-GB** | 1 | *3* |
| MS-CS | At walking pace | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **223900** | 15 | *150* |
| | 50 | **223901** | 3 | *30* |
| | 60 | **223902** | 3 | *30* |
| | 100 | **223903** | 2 | *10* |
| | 200 | **223904** | 1 | *5* |
| | 300 | **223905** | 1 | *1* |
| MS-UH | Activate the alarm | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **223400** | 15 | *150* |
| | 50 | **223401** | 3 | *30* |
| | 60 | **223402** | 3 | *30* |
| | 100 | **223403** | 2 | *10* |
| | 200 | **223404** | 1 | *5* |
| | 300 | **223405** | 1 | *1* |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| MS-TD | Put refuse in the appropriate container | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **223500** | 15 | *150* |
| | 50 | **223501** | 3 | *30* |
| | 60 | **223502** | 3 | *30* |
| | 100 | **223503** | 2 | *10* |
| | 200 | **223504** | 1 | *5* |
| | 300 | **223505** | 1 | *1* |
| MS-RI | Reading manual | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 50 | **224101** | 3 | *30* |
| | 100 | **224103** | 2 | *10* |
| MS-RI | Lifting hook | | | UNI EN ISO 7010 ISO 3864 - UNI 7543 |
| | 25 | **224500** | 15 | *150* |
| | 50 | **224501** | 3 | *30* |
| | 60 | **224502** | 3 | *30* |
| | 100 | **224503** | 2 | *10* |

# CS



## *Electrical symbols*

*PVC film, on sheet*

Consist of CS symbols supplemented by information in text form, or text only signs which can be used in combination with symbol only signs. Available in different graphic modes and formats, for marking equipment, machinery and installations in a detailed and efficient way.

**Material:** Polyester film over-laminated with transparent film resistant to UV, thickness approximately 0,1 mm. Resistant to Water, Oil, Grease, Alcohol, Detergent, Alkaline Substances and Atmospheric Agents. Low flammability, self extinguishing. Recommended for application to equipment for internal or external use, but not directly exposed to atmospheric agents. If exposed to atmospheric agents, the life of the label may be limited to five years.

**Application temperature range:** -40°C to +130°C

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| CS-ES | | Earth | | |
| | 12,5 | 700600 | 45 | 225 |
| | 16 | 700601 | 28 | 140 |
| | 20 | 700602 | 18 | 90 |
| | 25 | 700603 | 15 | 75 |
| | 25 | 700604 | 15 | 75 |
| | 31,5 | 700605 | 8 | 40 |
| CS-EYG | | Earth | | |
| | 12,5 | 700700 | 45 | 225 |
| | | 700700-BULK | 192 | 960 |
| | 16 | 700701 | 28 | 140 |
| | | 700701-BULK | 117 | 1.170 |
| | 20 | 700702 | 18 | 90 |
| | | 700702-BULK | 80 | 1.200 |
| | 25 | 700703 | 15 | 75 |
| | 31,5 | 700704 | 8 | 40 |
| CS-E | | Earth | | |
| | 12,5 | 700800 | 45 | 225 |
| | 16 | 700801 | 28 | 140 |
| | 20 | 700802 | 18 | 90 |
| | 25 | 700803 | 15 | 75 |
| | 31,5 | 700804 | 8 | 40 |
| CS-EP | | Protected earth | | |
| | 12,5 | 700900 | 45 | 225 |
| | 16 | 700901 | 28 | 140 |
| | 20 | 700902 | 18 | 90 |
| | 25 | 700903 | 15 | 75 |
| | 31,5 | 700904 | 8 | 40 |
| CS-EPY | | Protected earth | | |
| | 12,5 | 705000 | 45 | 225 |
| | 16 | 705001 | 28 | 140 |
| | 20 | 705002 | 18 | 90 |
| CS-EWN | | Earth without noise | | |
| | 12,5 | 701000 | 45 | 225 |
| | 16 | 701001 | 28 | 140 |
| | 20 | 701002 | 18 | 90 |
| | 25 | 701003 | 15 | 75 |
| | 31,5 | 701004 | 8 | 40 |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| CS-TE | | Earth without interference | | |
| | 12,5 | 701100 | 45 | 225 |
| | 16 | 701101 | 28 | 140 |
| | 20 | 701102 | 18 | 90 |
| | 25 | 701103 | 15 | 75 |
| | 31,5 | 701104 | 8 | 40 |
| CS-PS | | Positive | | |
| | 12,5 | 701800 | 45 | 225 |
| | 16 | 701801 | 28 | 140 |
| | 20 | 701802 | 18 | 90 |
| | 25 | 701803 | 15 | 75 |
| | 31,5 | 701804 | 8 | 40 |
| CS-NS | | Negative | | |
| | 12,5 | 701900 | 45 | 225 |
| | 16 | 701901 | 28 | 140 |
| | 20 | 701902 | 18 | 90 |
| | 25 | 701903 | 15 | 75 |
| | 31,5 | 701904 | 8 | 40 |
| CS-PR | | Positive | | |
| | 12,5 | 702000 | 45 | 225 |
| | | 702000-BULK | 192 | 960 |
| | 16 | 702001 | 28 | 140 |
| | | 702001-BULK | 117 | 1.170 |
| | 20 | 702002 | 18 | 90 |
| | | 702002-BULK | 80 | 1.200 |
| | 25 | 702003 | 15 | 75 |
| | 31,5 | 702004 | 8 | 40 |
| CS-NB | | Negative | | |
| | 12,5 | 702100 | 45 | 225 |
| | | 702100-BULK | 192 | 960 |
| | 16 | 702101 | 28 | 140 |
| | | 702101-BULK | 117 | 1.170 |
| | 20 | 702102 | 18 | 90 |
| | | 702102-BULK | 80 | 1.200 |
| | 25 | 702103 | 15 | 75 |
| | 31,5 | 702104 | 8 | 40 |

# CS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| CS-L1 | | Phase 1 | | |
|  | 12,5 | 700000 | 45 | 225 |
| | | 700000-BULK | 192 | 960 |
| | 16 | 700001 | 28 | 140 |
| | | 700001-BULK | 117 | 1.170 |
| | 20 | 700002 | 18 | 90 |
| | | 700002-BULK | 80 | 1.200 |
| | 25 | 700003 | 15 | 75 |
| | 31,5 | 700004 | 8 | 40 |
| CS-L2 | | Phase 2 | | |
|  | 12,5 | 700100 | 45 | 225 |
| | | 700100-BULK | 192 | 960 |
| | 16 | 700101 | 28 | 140 |
| | | 700101-BULK | 117 | 1.170 |
| | 20 | 700102 | 18 | 90 |
| | | 700102-BULK | 80 | 1.200 |
| | 25 | 700103 | 15 | 75 |
| | 31,5 | 700104 | 8 | 40 |
| CS-L3 | | Phase 3 | | |
|  | 12,5 | 700200 | 45 | 225 |
| | | 700200-BULK | 192 | 960 |
| | 16 | 700201 | 28 | 140 |
| | | 700201-BULK | 117 | 1.170 |
| | 20 | 700202 | 18 | 90 |
| | | 700202-BULK | 80 | 1.200 |
| | 25 | 700203 | 15 | 75 |
| | 31,5 | 700204 | 8 | 40 |
| CS-N | | Neutral | | |
|  | 12,5 | 700300 | 45 | 225 |
| | | 700300-BULK | 192 | 960 |
| | 16 | 700301 | 28 | 140 |
| | | 700301-BULK | 117 | 1.170 |
| | 20 | 700302 | 18 | 90 |
| | | 700302-BULK | 80 | 1.200 |
| | 25 | 700303 | 15 | 75 |
| | 31,5 | 700304 | 8 | 40 |
| CS-EY | | Earth | | |
|  | 12,5 | 700400 | 45 | 225 |
| | | 700400-BULK | 192 | 960 |
| | 16 | 700401 | 28 | 140 |
| | | 700401-BULK | 117 | 1.170 |
| | 20 | 700402 | 18 | 90 |
| | | 700402-BULK | 80 | 1.200 |
| | 25 | 700403 | 15 | 75 |
| | 31,5 | 700404 | 8 | 40 |
| CS-EW | | Earth | | |
|  | 12,5 | 700500 | 45 | 225 |
| | | 700500-BULK | 192 | 960 |
| | 16 | 700501 | 28 | 140 |
| | | 700501-BULK | 117 | 1.170 |
| | 20 | 700502 | 18 | 90 |
| | | 700502-BULK | 80 | 1.200 |
| | 25 | 700503 | 15 | 75 |
| | 31,5 | 700504 | 8 | 40 |
| CS-PE | | Protected conductor | | |
|  | 12,5 | 701200 | 45 | 225 |
| | | 701200-BULK | 192 | 960 |
| | 16 | 701201 | 28 | 140 |
| | | 701201-BULK | 117 | 1.170 |
| | 20 | 701202 | 18 | 90 |
| | | 701202-BULK | 80 | 1.200 |
| | 25 | 701203 | 15 | 75 |
| | 31,5 | 701204 | 8 | 40 |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| CS-PEN | | Neutral with protective function | | |
|  | 12,5 | 701300 | 45 | 225 |
| | 16 | 701301 | 28 | 140 |
| | 20 | 701302 | 18 | 90 |
| | 25 | 701303 | 15 | 75 |
| | 31,5 | 701304 | 8 | 40 |
| CS-N-PEN | | Neutral with protective function | | |
|  | 12,5 | 704400 | 45 | 225 |
| | 16 | 704401 | 28 | 140 |
| | 20 | 704402 | 18 | 90 |
| | 31,5 | 704404 | 8 | 40 |
| CS-PU | | Protected conductor not connected to earth | | |
|  | 12,5 | 701400 | 45 | 225 |
| | 16 | 701401 | 28 | 140 |
| | 20 | 701402 | 18 | 90 |
| | 25 | 701403 | 15 | 75 |
| | 31,5 | 701404 | 8 | 40 |
| CS-CC | | Equipotential | | |
|  | 12,5 | 701500 | 45 | 225 |
| | 16 | 701501 | 28 | 140 |
| | 20 | 701502 | 18 | 90 |
| | 25 | 701503 | 15 | 75 |
| | 31,5 | 701504 | 8 | 40 |
| CS-MW | | Earth | | |
|  | 12,5 | 702200 | 45 | 225 |
| | 16 | 702201 | 28 | 140 |
| | 20 | 702202 | 18 | 90 |
| | 25 | 702203 | 15 | 75 |
| | 31,5 | 702204 | 8 | 40 |
| CS-MS | | Earth | | |
|  | 12,5 | 702300 | 45 | 225 |
| | 16 | 702301 | 28 | 140 |
| | 20 | 702302 | 18 | 90 |
| | 25 | 702303 | 15 | 75 |
| | 31,5 | 702304 | 8 | 40 |
| CS-DCW | | Direct current | | |
|  | 12,5 | 703000 | 45 | 225 |
| | 16 | 703001 | 28 | 140 |
| | 20 | 703002 | 18 | 90 |
| | 25 | 703003 | 15 | 75 |
| | 31,5 | 703004 | 8 | 40 |
| CS-DCS | | Direct current | | |
|  | 12,5 | 703100 | 45 | 225 |
| | 16 | 703101 | 28 | 140 |
| | 20 | 703102 | 18 | 90 |
| | 25 | 703103 | 15 | 75 |
| | 31,5 | 703104 | 8 | 40 |
| CS-DACW | | Direct and alternating current | | |
|  | 12,5 | 703200 | 45 | 225 |
| | 16 | 703201 | 28 | 140 |
| | 20 | 703202 | 18 | 90 |
| | 25 | 703203 | 15 | 75 |
| | 31,5 | 703204 | 8 | 40 |
| CS-DACS | | Direct and alternating current | | |
|  | 12,5 | 703300 | 45 | 225 |
| | 16 | 703301 | 28 | 140 |
| | 20 | 703302 | 18 | 90 |
| | 25 | 703303 | 15 | 75 |
| | 31,5 | 703304 | 8 | 40 |

# CS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| CS-DIW | | Class II insulation | | |
| | 12,5 | 703400 | 45 | 225 |
| | 16 | 703401 | 28 | 140 |
| | 20 | 703402 | 18 | 90 |
| | 25 | 703403 | 15 | 75 |
| | 31,5 | 703404 | 8 | 40 |
| CS-DIS | | Class II insulation | | |
| | 12,5 | 703500 | 45 | 225 |
| | 16 | 703501 | 28 | 140 |
| | 20 | 703502 | 18 | 90 |
| | 25 | 703503 | 15 | 75 |
| | 31,5 | 703504 | 8 | 40 |
| CS-TIW | | Class III insulation | | |
| | 12,5 | 703600 | 45 | 225 |
| | 16 | 703601 | 28 | 140 |
| | 20 | 703602 | 18 | 90 |
| | 25 | 703603 | 15 | 75 |
| | 31,5 | 703604 | 8 | 40 |
| CS-TIS | | Class III insulation | | |
| | 12,5 | 703700 | 45 | 225 |
| | 16 | 703701 | 28 | 140 |
| | 20 | 703702 | 18 | 90 |
| | 25 | 703703 | 15 | 75 |
| | 31,5 | 703704 | 8 | 40 |
| CS-EX | | Increased safety | | |
| | 12,5 | 703800 | 45 | 225 |
| | 16 | 703801 | 28 | 140 |
| | 20 | 703802 | 18 | 90 |
| | 25 | 703803 | 15 | 75 |
| | 31,5 | 703804 | 8 | 40 |
| CS-CE | | EC standards | | |
| | 12,5 | 703900 | 45 | 225 |
| | | 703900-BULK | 192 | 960 |
| | 16 | 703901 | 28 | 140 |
| | | 703901-BULK | 117 | 1.170 |
| | 20 | 703902 | 18 | 90 |
| | | 703902-BULK | 80 | 1.200 |
| | 25 | 703903 | 15 | 75 |
| | 31,5 | 703904 | 8 | 40 |
| CS-PW | | Positive | | |
| | 12,5 | 701600 | 45 | 225 |
| | 16 | 701601 | 28 | 140 |
| | 20 | 701602 | 18 | 90 |
| | 25 | 701603 | 15 | 75 |
| | 31,5 | 701604 | 8 | 40 |
| CS-NW | | Negative | | |
| | 12,5 | 701700 | 45 | 225 |
| | 16 | 701701 | 28 | 140 |
| | 20 | 701702 | 18 | 90 |
| | 25 | 701703 | 15 | 75 |
| | 31,5 | 701704 | 8 | 40 |
| CS-MM | | Connection to earth or chassis | | |
| | 12,5 | 702400 | 45 | 225 |
| | 16 | 702401 | 28 | 140 |
| | 20 | 702402 | 18 | 90 |
| | 25 | 702403 | 15 | 75 |
| | 31,5 | 702404 | 8 | 40 |

| Family | Size mm | Type | Labels per sheet | Quantity |
|---|---|---|---|---|
| CS-L+ | | Positive | | |
| | 12,5 | 702500 | 45 | 225 |
| | 16 | 702501 | 28 | 140 |
| | 20 | 702502 | 18 | 90 |
| | 25 | 702503 | 15 | 75 |
| | 31,5 | 702504 | 8 | 40 |
| CS-L- | | Negative | | |
| | 12,5 | 702600 | 45 | 225 |
| | 16 | 702601 | 28 | 140 |
| | 20 | 702602 | 18 | 90 |
| | 25 | 702603 | 15 | 75 |
| | 31,5 | 702604 | 8 | 40 |
| CS-M | | Voltage median point | | |
| | 12,5 | 702700 | 45 | 225 |
| | 16 | 702701 | 28 | 140 |
| | 20 | 702702 | 18 | 90 |
| | 25 | 702703 | 15 | 75 |
| | 31,5 | 702704 | 8 | 40 |
| CS-ACW | | Alternating current | | |
| | 12,5 | 702800 | 45 | 225 |
| | 16 | 702801 | 28 | 140 |
| | 20 | 702802 | 18 | 90 |
| | 25 | 702803 | 15 | 75 |
| | 31,5 | 702804 | 8 | 40 |
| CS-ACS | | Alternating current | | |
| | 12,5 | 702900 | 45 | 225 |
| | 16 | 702901 | 28 | 140 |
| | 20 | 702902 | 18 | 90 |
| | 25 | 702903 | 15 | 75 |
| | 31,5 | 702904 | 8 | 40 |
| CS-EQP | | Equipotential | | |
| | 12,5 | 704600 | 45 | 225 |
| | 20 | 704602 | 18 | 90 |
| CS-B | | B | | |
| | 20 | 704702 | 18 | 90 |
| CS-O | | O | | |
| | 20 | 704302 | 18 | 90 |
| CS-R | | R | | |
| | 20 | 704802 | 18 | 90 |
| CS-Y | | Y | | |
| | 20 | 704902 | 18 | 90 |

# VS

## *Utility sector signs*

*with text, PVC film*

Available in different graphic modes and formats, for marking equipment, machinery and installations in a detailed and efficient way.

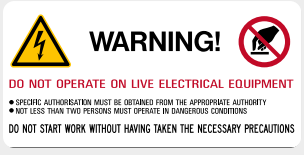
Texts can be supplied in different languages.

**Material:** Polyester film over-laminated with transparent film resistant to UV, thickness approximately 0,1 mm. Resistant to Water, Oil, Grease, Alcohol, Detergent, Alkaline Substances and Atmospheric Agents. Low flammability, self extinguishing. Recommended for application to equipment for internal or external use, but not directly exposed to atmospheric agents. If exposed to atmospheric agents, the life of the label may be limited to five years.

**Application temperature range:** -40°C to +130°C

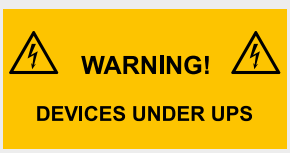



PET HF - 40°C + 130°C

| Family | Size mm | Type | Labels per sheet | Language | Quantity |
|---|---|---|---|---|---|
| VS-I80 | | | | | |
|  | 70 x 120 | 268000 | 1 | Italian | 10 |
| | | 268000-BULK | 4 | Italian | 300 |
| | | 268000-GB | 1 | English | 10 |
| | | 268000-GB-BULK | 4 | English | 300 |
| | | 268000-F | 1 | French | 10 |
| | | 268000-F-BULK | 4 | French | 300 |
| | | 268000-D | 1 | German | 10 |
| | | 268000-D-BULK | 4 | German | 300 |
| | | 268000-E | 1 | Spanish | 10 |
| | | 268000-E-BULK | 4 | Spanish | 300 |
| | | 268000-P | 1 | Portuguese | 10 |
| | | 268000-RUS | 1 | Russian | 10 |
| | | 268000-FIN | 1 | Finnish | 10 |
| | | 268000-TK | 1 | Turkish | 10 |
| | | 268000-CZ | 1 | Czech | 10 |
| | | 268000-NL | 1 | Dutch | 10 |
| | | 268000-PL | 1 | Polish | 10 |
| | | 268000-SLO | 1 | Slovenian | 10 |
| | | 268000-H | 1 | Hungarian | 10 |
| | | 268000-GR | 1 | Greek | 10 |
| | | 268000-CN | 1 | Chinese | 10 |
| VS-I81 | | | | | |
|  | 52 x 105 | 268101 | 1 | Italian | 10 |
| | 65 x 131 | 268100 | 1 | Italian | 10 |
| | | 268100-GB | 1 | English | 10 |
| | | 268100-F | 1 | French | 10 |
| | | 268100-D | 1 | German | 10 |
| | | 268100-E | 1 | Spanish | 10 |
| | | 268100-P | 1 | Portuguese | 10 |

# VS

PET HF -40°C +130°C

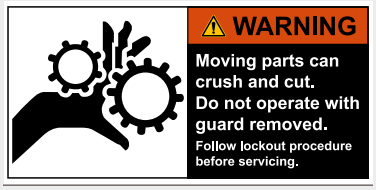
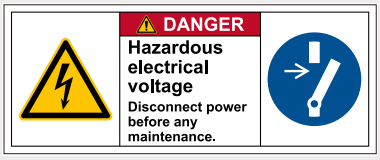
| Family | Size mm | Type | Labels per sheet | Language | Quantity |
|---|---|---|---|---|---|
| **VS-I82** | | | | | |
|  | 52 x 105 | 268200 | 1 | Italian | 10 |
| | | 268200-BULK | 6 | Italian | 450 |
| | 40 x 80 | 268201 | 1 | Italian | 10 |
| | | 268201-BULK | 15 | Italian | 900 |
| | 52 x 105 | 268200-GB | 1 | English | 10 |
| | | 268200-GB-BULK | 6 | English | 450 |
| | | 268200-F | 1 | French | 10 |
| | | 268200-F-BULK | 6 | French | 450 |
| | | 268200-D | 1 | German | 10 |
| | | 268200-E | 1 | Spanish | 10 |
| | | 268200-P | 1 | Portuguese | 10 |
| **VS-I83** | | | | | |
|  | 52 x 105 | 268300 | 1 | Italian | 10 |
| | | 268300-BULK | 6 | Italian | 450 |
| | | 268300-GB | 1 | English | 10 |
| | | 268300-GB-BULK | 6 | English | 450 |
| | | 268300-F | 1 | French | 10 |
| | | 268300-D | 1 | German | 10 |
| | | 268300-D-BULK | 6 | German | 450 |
| | | 268300-E | 1 | Spanish | 10 |
| | | 268300-P | 1 | Portuguese | 10 |
| | 40 x 80 | 268301 | 1 | italiano | 10 |
| **VS-I84** | | | | | |
|  | 52 x 105 | 268400 | 1 | Italian | 10 |
| | | 268400-BULK | 6 | Italian | 450 |
| | | 268400-GB | 1 | English | 10 |
| | | 268400-F | 1 | French | 10 |
| | | 268400-D | 1 | German | 10 |
| | | 268400-E | 1 | Spanish | 10 |
| | | 268400-P | 1 | Portuguese | 10 |
| | 40 x 80 | 268401 | 1 | Italian | 10 |
| **VS-I85** | | | | | |
|  | 52 x 105 | 268500 | 1 | Italian | 10 |
| | | 268500-BULK | 6 | Italian | 450 |
| | | 268500-GB | 1 | English | 10 |
| | | 268500-GB-BULK | 6 | English | 450 |
| | | 268500-F | 1 | French | 10 |
| | | 268500-F-BULK | 6 | French | 450 |
| | | 268500-D | 1 | German | 10 |
| | | 268500-D-BULK | 6 | German | 450 |
| | | 268500-E | 1 | Spanish | 10 |
| | | 268500-P | 1 | Portuguese | 10 |
| **VS-I86** | | | | | |
|  | 52 x 105 | 268600 | 1 | Italian | 10 |
| | | 268600-GB | 1 | English | 10 |
| | | 268600-F | 1 | French | 10 |
| | | 268600-D | 1 | German | 10 |
| | | 268600-E | 1 | Spanish | 10 |
| | | 268600-P | 1 | Portuguese | 10 |

# VS

GB English F French D German E Spanish ... other language

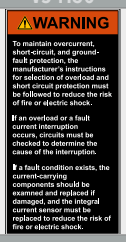
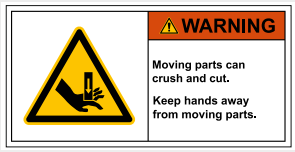
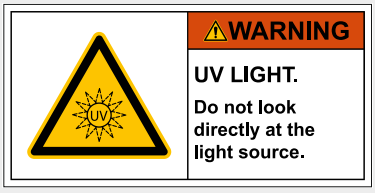
*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Language | Quantity |
|---|---|---|---|---|---|
| **VS-I50** | | | | | |
|  | 150 x 180 | **2615000** | 1 | | *10* |
| **VS-I114** | | | | | |
|  | 70 x 120 | **2611400** | 1 | | *10* |
| **VS-I132** | | | | | |
|  | 125 x 62 | **2613200** | 6 | Italian | *12* |
| | | **2613200-GB** | 6 | English | *12* |
| | | **2613200-F** | 6 | French | *12* |
| | | **2613200-D** | 6 | German | *12* |
| | | **2613200-E** | 6 | Spanish | *12* |
| | | **2613200-P** | 6 | Portuguese | *12* |
| **VS-I133** | | | | | |
|  | 125 x 62 | **2613300** | 6 | Italian | *12* |
| | | **2613300-GB** | 6 | English | *12* |
| | | **2613300-F** | 6 | French | *12* |
| | | **2613300-D** | 6 | German | *12* |
| | | **2613300-E** | 6 | Spanish | *12* |
| | | **2613300-P** | 6 | Portuguese | *12* |
| **VS-I134** | | | | | |
|  | 62 x 125 | **2613400** | 6 | Italian | *12* |
| | | **2613400-GB** | 6 | English | *12* |
| | | **2613400-F** | 6 | French | *12* |
| | | **2613400-D** | 6 | German | *12* |
| | | **2613400-E** | 6 | Spanish | *12* |
| | | **2613400-P** | 6 | Portuguese | *12* |
| **VS-I135** | | | | | |
|  | 62 x 155 | **2613500** | 3 | Italian | *9* |
| | | **2613500-GB** | 3 | English | *9* |
| | | **2613500-F** | 3 | French | *9* |
| | | **2613500-D** | 3 | German | *9* |
| | | **2613500-E** | 3 | Spanish | *9* |
| | | **2613500-P** | 3 | Portuguese | *9* |

# VS

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Language | Quantity |
|---|---|---|---|---|---|
| **VS-I136** | | | | | |
|  | 125 x 62 | **2613600** | 4 | Italian | *12* |
| | | **2613600-GB** | 4 | English | *12* |
| | | **2613600-F** | 4 | French | *12* |
| **VS-I137** | | | | | |
|  | 62 x 125 | **2613700** | 6 | Italian | *12* |
| | | **2613700-GB** | 6 | English | *12* |
| | | **2613700-F** | 6 | French | *12* |
| | | **2613700-D** | 6 | German | *12* |
| | | **2613700-E** | 6 | Spanish | *12* |
| | | **2613700-P** | 6 | Portuguese | *12* |
| **VS-I138** | | | | | |
|  | 62 x 125 | **2613800** | 6 | Italian | *12* |
| | | **2613800-GB** | 6 | English | *12* |
| | | **2613800-F** | 6 | French | *12* |
| | | **2613800-D** | 6 | German | *12* |
| | | **2613800-E** | 6 | Spanish | *12* |
| | | **2613800-P** | 6 | Portuguese | *12* |
| **VS-I139** | | | | | |
|  | 62 x 125 | **2613900** | 6 | Italian | *12* |
| | | **2613900-GB** | 6 | English | *12* |
| | | **2613900-F** | 6 | French | *12* |
| | | **2613900-D** | 6 | German | *12* |
| | | **2613900-E** | 6 | Spanish | *12* |
| | | **2613900-P** | 6 | Portuguese | *12* |
| **VS-I140** | | | | | |
|  | 62 x 125 | **2614000** | 6 | Italian | *12* |
| | | **2614000-GB** | 6 | English | *12* |
| | | **2614000-F** | 6 | French | *12* |
| | | **2614000-D** | 6 | German | *12* |
| | | **2614000-E** | 6 | Spanish | *12* |
| | | **2614000-P** | 6 | Portuguese | *12* |
| **VS-I141** | | | | | |
|  | 62 x 125 | **2614100** | 6 | Italian | *12* |
| | | **2614100-GB** | 6 | English | *12* |
| | | **2614100-F** | 6 | French | *12* |
| | | **2614100-D** | 6 | German | *12* |
| | | **2614100-E** | 6 | Spanish | *12* |
| | | **2614100-P** | 6 | Portuguese | *12* |

# VS

GB English F French D German E Spanish ... other language

*other language on request*

PET HF -40°C +130°C

| Family | Size mm | Type | Labels per sheet | Language | Quantity |
|---|---|---|---|---|---|
| VS-I147 | | | | | |
|  | 125 x 62 | **2614700** | 4 | Italian | *12* |
| | | **2614700-GB** | 4 | English | *12* |
| VS-I148 | | | | | |
|  | 62 x 125 | **2614800** | 4 | Italian | *12* |
| | | **2614800-GB** | 4 | English | *12* |
| VS-I161 | | | | | |
|  | 62 x 125 | **2616100-GB** | 4 | English | *12* |
| VS-I162 | | | | | |
|  | 62 x 125 | **2616200-GB** | 4 | English | *12* |
| VS-I163 | | | | | |
|  | 62 x 125 | **2616300-GB** | 4 | English | *12* |
| VS-I164 | | | | | |
|  | 62 x 125 | **2616400-GB** | 4 | English | *12* |

# LLS-ILS

*Labels for laser and inkjet printers*

*self adhesive*

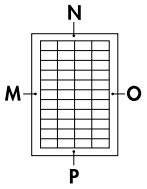
**Material:** Polyester (see page 147)

PET HF -40°C +130°C RoHS COMPLIANT 2011/65/EU

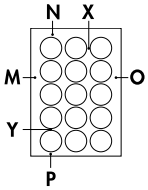
Rectangular, square corners

| Size AxB mm | Type | white | yellow indoor | metallic grey | Row x Column | M | N | O | P | X | Y | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 x 12 | 7700707... | WPYM | YPYM | SPYM | 55 x 15 | 15 | 12 | 15 | 10 | | | 8.250 |
| 6 x 15 | 7700112... | WPYM | YPYM | SPYM | 46 x 12 | 15 | 11 | 15 | 10 | | | 5.520 |
| 6 x 20 | 7700116... | WPYM | YPYM | SPYM | 46 x 9 | 15 | 11 | 15 | 10 | | | 4.140 |
| 7 x 10 | 7700708... | WPYM | YPYM | SPYM | 39 x 19 | 10 | 14 | 10 | 10 | | | 7.410 |
| 7 x 15 | 7700709... | WPYM | YPYM | SPYM | 39 x 12 | 15 | 14 | 15 | 10 | | | 4.680 |
| 8 x 12 | 7700158... | WPYM | YPYM | SPYM | 34 x 15 | 15 | 15 | 15 | 10 | | | 5.100 |
| 8 x 15 | 7700164... | WPYM | YPYM | SPYM | 34 x 12 | 15 | 15 | 15 | 10 | | | 4.080 |
| 8 x 17 | 7700162... | WPYM | YPYM | SPYM | 34 x 11 | 11,5 | 15 | 11,5 | 10 | | | 3.740 |
| 8 x 45 | 7700064... | WPYM | YPYM | SPYM | 34 x 4 | 15 | 15 | 15 | 10 | | | 1.360 |
| 9 x 12 | 7700070... | WPYM | YPYM | SPYM | 30 x 16 | 9 | 17 | 9 | 10 | | | 4.800 |
| 9 x 15 | 7700068... | WPYM | YPYM | SPYM | 30 x 12 | 15 | 17 | 15 | 10 | | | 3.600 |
| 9 x 20 | 7700196... | WPYM | YPYM | SPYM | 30 x 9 | 15 | 17 | 15 | 10 | | | 2.700 |
| 9 x 35 | 7700710... | WPYM | YPYM | SPYM | 30 x 5 | 17,5 | 17 | 17,5 | 10 | | | 1.500 |
| 10 x 30 | 7700174... | WPYM | YPYM | SPYM | 27 x 6 | 15 | 17 | 15 | 10 | | | 1.620 |
| 10 x 33 | 7700266... | WPYM | YPYM | SPYM | 27 x 6 | 22,5 | 17 | 22,5 | 10 | | | 1.890 |
| 10 x 60 | 7700292... | WPYM | YPYM | SPYM | 27 x 3 | 15 | 17 | 15 | 10 | | | 810 |
| 11 x 19 | 7700094... | WPYM | YPYM | SPYM | 25 x 9 | 19,5 | 12 | 19,5 | 10 | | | 2.250 |
| 11 x 38 | 7700096... | WPYM | YPYM | SPYM | 25 x 5 | 10 | 12 | 10 | 10 | | | 1.250 |
| 12 x 25 | 7700304... | WPYM | YPYM | SPYM | 23 x 7 | 17,5 | 14 | 17,5 | 10 | | | 1.610 |
| 12 x 34 | 7700300... | WPYM | YPYM | SPYM | 23 x 5 | 20 | 14 | 20 | 10 | | | 1.150 |
| 12 x 40 | 7700711... | WPYM | YPYM | SPYM | 22 x 4 | 25 | 23 | 25 | 10 | | | 880 |
| 13 x 50 | 7700712... | WPYM | YPYM | SPYM | 21 x 3 | 30 | 14 | 30 | 10 | | | 630 |
| 15 x 17 | 7700330... | WPYM | YPYM | SPYM | 18 x 11 | 11,5 | 11,5 | 11,5 | 10 | | | 1.980 |
| 15 x 27 | 7700616... | WPYM | YPYM | SPYM | 18 x 7 | 10,5 | 17 | 10,5 | 10 | | | 1.260 |
| 15 x 49 | 7700614... | WPYM | YPYM | SPYM | 18 x 3 | 31,5 | 17 | 31,5 | 10 | | | 540 |
| 15 x 78 | 7700713... | WPYM | YPYM | SPYM | 18 x 2 | 27 | 17 | 27 | 10 | | | 360 |
| 18 x 32 | 7700228... | WPYM | YPYM | SPYM | 15 x 6 | 9 | 17 | 9 | 10 | | | 900 |
| 18 x 46 | 7700208... | WPYM | YPYM | SPYM | 15 x 4 | 13 | 17 | 13 | 10 | | | 600 |
| 21 x 70 | 7700714... | WPYM | YPYM | SPYM | 13 x 2 | 35 | 14 | 35 | 10 | | | 260 |
| 22 x 40 | 7700306... | WPYM | YPYM | SPYM | 12 x 4 | 25 | 33 | 25 | 10 | | | 480 |
| 22 x 63 | 7700652... | WPYM | YPYM | SPYM | 12 x 3 | 10,5 | 33 | 10,5 | 10 | | | 360 |
| 22 x 110 | 7700715... | WPYM | YPYM | SPYM | 12 x 1 | 50 | 23 | 50 | 10 | | | 120 |
| 25 x 50 | 7700716... | WPYM | YPYM | SPYM | 11 x 3 | 30 | 12 | 30 | 10 | | | 330 |
| 25 x 80 | 7700717... | WPYM | YPYM | SPYM | 11 x 2 | 25 | 12 | 25 | 10 | | | 220 |
| 30 x 80 | 7700719... | WPYM | YPYM | SPYM | 9 x 2 | 25 | 17 | 25 | 10 | | | 180 |
| 30 x 100 | 7700720... | WPYM | YPYM | SPYM | 9 x 2 | 5 | 17 | 5 | 10 | | | 180 |
| 32 x 58 | 7700718... | WPYM | YPYM | SPYM | 8 x 3 | 18 | 31 | 18 | 10 | | | 240 |
| 34 x 60 | 7700721... | WPYM | YPYM | SPYM | 8 x 3 | 15 | 15 | 15 | 10 | | | 240 |
| 34 x 63 | 7700484... | WPYM | YPYM | SPYM | 8 x 3 | 10,5 | 15 | 10,5 | 10 | | | 240 |
| 40 x 60 | 7700452... | WPYM | YPYM | SPYM | 7 x 3 | 15 | 10 | 15 | 7 | | | 210 |
| 40 x 90 | 7700456... | WPYM | YPYM | SPYM | 7 x 2 | 15 | 10 | 15 | 7 | | | 140 |
| 42 x 78 | 7700722... | WPYM | YPYM | SPYM | 6 x 2 | 27 | 35 | 27 | 10 | | | 120 |

# LLS-ILS




*M - Left margin*
*N - Upper margin*
*O - Right margin*
*P - Lower margin*




*M - Left margin*
*N - Upper margin*
*O - Right margin*
*P - Lower margin*
*X - Horizontal spacing between labels*
*Y - Vertical spacing between labels*

PET | HF | -40°C | +130°C | RoHS COMPLIANT 2011/65/EU

**Rectangular, square corners**

| Size AxB mm | Type | white | yellow indoor | metallic grey | Row x Column | M | N | O | P | X | Y | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 x 60 | 7700414... | WPYM | YPYM | SPYM | 6 x 3 | 15 | 17 | 15 | 10 | | | 180 |
| 48 x 90 | 7700528... | WPYM | YPYM | SPYM | 5 x 2 | 15 | 47 | 15 | 10 | | | 100 |
| 50 x 80 | 7700723... | WPYM | YPYM | SPYM | 5 x 2 | 25 | 37 | 25 | 10 | | | 100 |
| 52 x 107 | 7700726... | WPYM | YPYM | SPYM | 5 x 1 | 51,5 | 27 | 51,5 | 10 | | | 50 |
| 60 x 100 | 7700725... | WPYM | YPYM | SPYM | 4 x 2 | 5 | 47 | 5 | 10 | | | 80 |
| 62 x 88 | 7700724... | WPYM | YPYM | SPYM | 4 x 2 | 17 | 39 | 17 | 10 | | | 80 |
| 75 x 105 | 7700728... | WPYM | YPYM | SPYM | 3 x 1 | 52,5 | 62 | 52,5 | 10 | | | 30 |
| 105 x 110 | 7700727... | WPYM | YPYM | SPYM | 2 x 1 | 43,5 | 77 | 43,5 | 10 | | | 20 |
| 120 x 60 | 7700729... | WPYM | YPYM | SPYM | 2 x 2 | 15 | 47 | 15 | 10 | | | 40 |
| 120 x 70 | 7700730... | WPYM | YPYM | SPYM | 2 x 2 | 35 | 57 | 35 | 10 | | | 40 |
| 140 x 98 | 7700731... | WPYM | YPYM | SPYM | 2 x 2 | 7 | 7 | 7 | 10 | | | 40 |

**Square, square corners**

| Size AxB mm | Type | white | yellow indoor | metallic grey | Row x Column | M | N | O | P | X | Y | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 x 16 | 7702045... | WPYM | YPYM | SPYM | 16 x 11 | 17 | 31 | 17 | 10 | | | 1.760 |
| 20 x 20 | 7702046... | WPYM | YPYM | SPYM | 13 x 9 | 15 | 27 | 15 | 10 | | | 1.170 |
| 28 x 28 | 7702044... | WPYM | YPYM | SPYM | 10 x 6 | 21 | 10 | 21 | 7 | | | 600 |
| 30 x 30 | 7702032... | WPYM | YPYM | SPYM | 9 x 6 | 15 | 17 | 15 | 10 | | | 540 |
| 40 x 40 | 7702036... | WPYM | YPYM | SPYM | 7 x 4 | 25 | 10 | 25 | 7 | | | 280 |
| 50 x 50 | 7702047... | WPYM | YPYM | SPYM | 5 x 3 | 30 | 37 | 30 | 10 | | | 150 |
| 70 x 70 | 7702049... | WPYM | YPYM | SPYM | 4 x 2 | 35 | 7 | 35 | 10 | | | 80 |
| 100 x 100 | 7702050... | WPYM | YPYM | SPYM | 2 x 2 | 5 | 97 | 5 | 10 | | | 40 |

**Rectangular, rounded corners**

| Size AxB mm | Type | white | yellow indoor | metallic grey | Row x Column | M | N | O | P | X | Y | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 275 x 190 | 7703058... | WPYM | YPYM | SPYM | 1 x 1 | 10 | 12 | 10 | 10 | | | 10 |

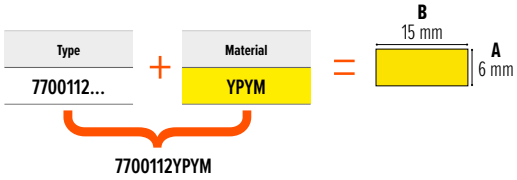
**Circular**

| Size AxB mm | Type | white | yellow indoor | metallic grey | Row x Column | M | N | O | P | X | Y | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ø 16 | 7704002... | WPYM | YPYM | SPYM | 14 x 10 | 7 | 10 | 7 | 10 | 4 | 4 | 1.400 |
| Ø 25 | 7704006... | WPYM | YPYM | SPYM | 9 x 6 | 17,5 | 17 | 17,5 | 15 | 5 | 5 | 540 |
| Ø 50 | 7704010... | WPYM | YPYM | SPYM | 5 x 3 | 22 | 21 | 22 | 10 | 4 | 4 | 150 |

**A4**

| Size AxB mm | Type | white | yellow indoor | metallic grey | Quantity |
|---|---|---|---|---|---|
| 297 x 210 | 7706000... | WPYM | YPYM | SPYM | 10 |

Example coding combination according to the dimensions and the material:






CEMBRE

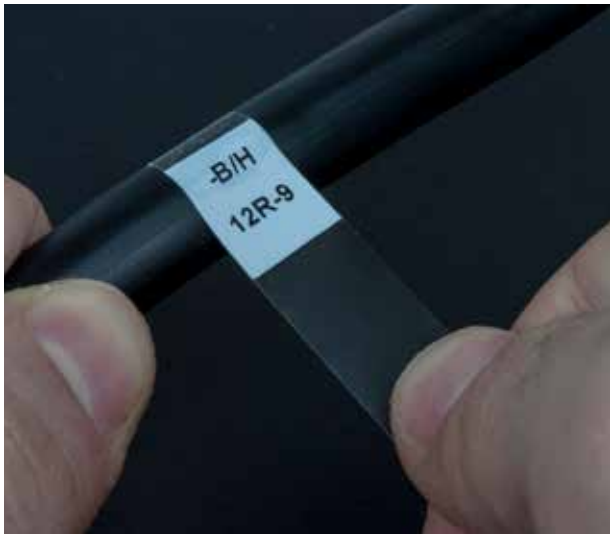
# KML

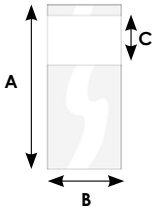
## *Wraparound cable markers*

*for laser printers, self adhesive, A4 sheet*

KML wraparound cable markers are suitable for identifying large

diameter cables, tubes and conduit.




PET HF -40°C +130°C RoHS COMPLIANT 2011/65/EU

| Family | Overall Length A mm | Wrapping diameter mm | type | | | | | | Print area CxB mm | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | white | yellow | orange | red | blue | green | | |
| KML038 | 38 | 4,3 ÷ 7 | 18950-010 | 18450-010 | 18350-010 | 18250-010 | 18650-010 | 18550-010 | 10 x 10 | 1.260 |
| | | | 18950-012 | 18450-012 | 18350-012 | 18250-012 | 18650-012 | 18550-012 | 10 x 12 | 1.050 |
| | | | 18950-015 | 18450-015 | 18350-015 | 18250-015 | 18650-015 | 18550-015 | 10 x 15 | 840 |
| | | | 18950-018 | 18450-018 | 18350-018 | 18250-018 | 18650-018 | 18550-018 | 10 x 18 | 700 |
| | | | 18950-020 | 18450-020 | 18350-020 | 18250-020 | 18650-020 | 18550-020 | 10 x 20 | 630 |
| | | | 18950-023 | 18450-023 | 18350-023 | 18250-023 | 18650-023 | 18550-023 | 10 x 23 | 560 |
| | | | 18950-025 | 18450-025 | 18350-025 | 18250-025 | 18650-025 | 18550-025 | 10 x 25 | 490 |
| | | | 18950-030 | 18450-030 | 18350-030 | 18250-030 | 18650-030 | 18550-030 | 10 x 30 | 420 |
| | | | 18950-035 | 18450-035 | 18350-035 | 18250-035 | 18650-035 | 18550-035 | 10 x 35 | 350 |
| | | | 18950-045 | 18450-045 | 18350-045 | 18250-045 | 18650-045 | 18550-045 | 10 x 45 | 280 |
| KML050 | 50 | 6 ÷ 10 | 18951-010 | 18451-010 | 18351-010 | 18251-010 | 18651-010 | 18551-010 | 15 x 10 | 900 |
| | | | 18951-012 | 18451-012 | 18351-012 | 18251-012 | 18651-012 | 18551-012 | 15 x 12 | 750 |
| | | | 18951-015 | 18451-015 | 18351-015 | 18251-015 | 18651-015 | 18551-015 | 15 x 15 | 600 |
| | | | 18951-018 | 18451-018 | 18351-018 | 18251-018 | 18651-018 | 18551-018 | 15 x 18 | 500 |
| | | | 18951-020 | 18451-020 | 18351-020 | 18251-020 | 18651-020 | 18551-020 | 15 x 20 | 450 |
| | | | 18951-023 | 18451-023 | 18351-023 | 18251-023 | 18651-023 | 18551-023 | 15 x 23 | 400 |
| | | | 18951-025 | 18451-025 | 18351-025 | 18251-025 | 18651-025 | 18551-025 | 15 x 25 | 350 |
| | | | 18951-030 | 18451-030 | 18351-030 | 18251-030 | 18651-030 | 18551-030 | 15 x 30 | 300 |
| | | | 18951-035 | 18451-035 | 18351-035 | 18251-035 | 18651-035 | 18551-035 | 15 x 35 | 250 |
| | | | 18951-045 | 18451-045 | 18351-045 | 18251-045 | 18651-045 | 18551-045 | 15 x 45 | 200 |

# KML

**Material:** transparent polyester film. Long-life Acrylic adhesive.

Resistant to Water, Oil, Grease, Alcohol, Detergent, Alkaline Substances, Sea Water and all kinds of Detergents.

Excellent dimensional stability, optimum antiageing qualities

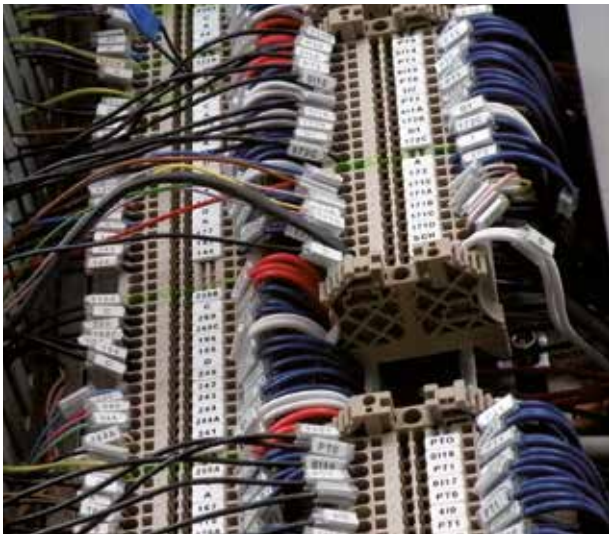
**Application temperature range:** -40°C to +130°C

PET HF -40°C +130°C RoHS CONFORMITY 2011/65/EU

| Family | Overall Length A mm | Wrapping diameter mm | type | | | | | | Print area CxB mm | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | white | yellow | orange | red | blue | green | | |
| KML075 | 75 | 8 ÷ 14 | 18952-010 | 18452-010 | 18352-010 | 18252-010 | 18652-010 | 18552-010 | 25 x 10 | 540 |
| | | | 18952-012 | 18452-012 | 18352-012 | 18252-012 | 18652-012 | 18552-012 | 25 x 12 | 450 |
| | | | 18952-015 | 18452-015 | 18352-015 | 18252-015 | 18652-015 | 18552-015 | 25 x 15 | 360 |
| | | | 18952-018 | 18452-018 | 18352-018 | 18252-018 | 18652-018 | 18552-018 | 25 x 18 | 300 |
| | | | 18952-020 | 18452-020 | 18352-020 | 18252-020 | 18652-020 | 18552-020 | 25 x 20 | 270 |
| | | | 18952-023 | 18452-023 | 18352-023 | 18252-023 | 18652-023 | 18552-023 | 25 x 23 | 240 |
| | | | 18952-025 | 18452-025 | 18352-025 | 18252-025 | 18652-025 | 18552-025 | 25 x 25 | 210 |
| | | | 18952-030 | 18452-030 | 18352-030 | 18252-030 | 18652-030 | 18552-030 | 25 x 30 | 180 |
| | | | 18952-035 | 18452-035 | 18352-035 | 18252-035 | 18652-035 | 18552-035 | 25 x 35 | 150 |
| | | | 18952-045 | 18452-045 | 18352-045 | 18252-045 | 18652-045 | 18552-045 | 25 x 45 | 120 |
| KML135 | 135 | 19 ÷ 34 | 18953-015 | 18453-015 | 18353-015 | 18253-015 | 18653-015 | 18553-015 | 25 x 15 | 240 |
| | | | 18953-018 | 18453-018 | 18353-018 | 18253-018 | 18653-018 | 18553-018 | 25 x 18 | 200 |
| | | | 18953-020 | 18453-020 | 18353-020 | 18253-020 | 18653-020 | 18553-020 | 25 x 20 | 180 |
| | | | 18953-023 | 18453-023 | 18353-023 | 18253-023 | 18653-023 | 18553-023 | 25 x 23 | 160 |
| | | | 18953-025 | 18453-025 | 18353-025 | 18253-025 | 18653-025 | 18553-025 | 25 x 25 | 140 |
| | | | 18953-030 | 18453-030 | 18353-030 | 18253-030 | 18653-030 | 18553-030 | 25 x 30 | 120 |
| | | | 18953-035 | 18453-035 | 18353-035 | 18253-035 | 18653-035 | 18553-035 | 25 x 35 | 100 |
| | | | 18953-045 | 18453-045 | 18353-045 | 18253-045 | 18653-045 | 18553-045 | 25 x 45 | 80 |

# CHART

## *Terminal block marker cross reference chart*

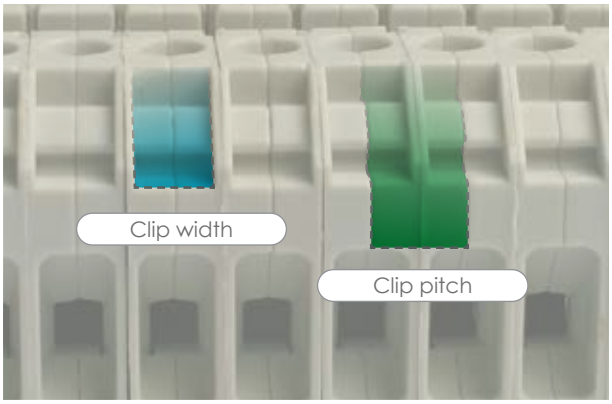


MG-CPM terminal block markers are available in versions to suit the particular clip formats of the most widely used products, see cross reference chart to side.

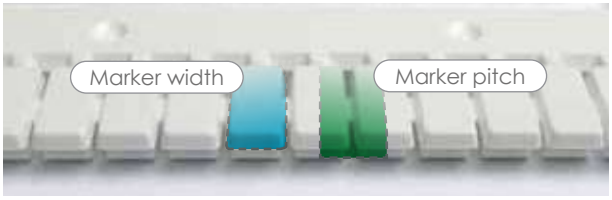
Depending on type, markers are presented as joined strips at a set or flexible pitch or as separate markers for convenient individual insertion on mixed pitch terminal block assemblies.

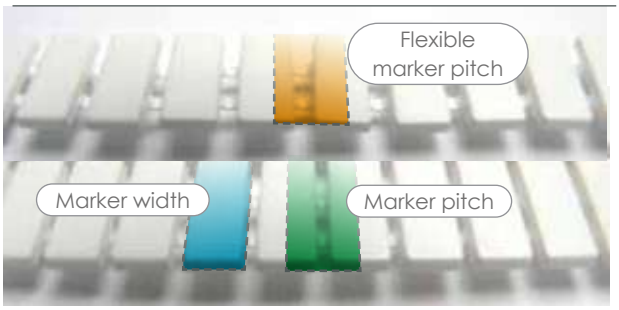
See markers on page 20

TERMINAL BLOCK




MARKERS







MARKERS APPLICATION

**M**





**MODULAR STRIP** Marker width is less than Clip width, while Marker width and Clip pitch are equal.

**MF**





**MODULAR FLEXIBLE STRIP** Marker width is less than Clip width, while Marker width and Clip pitch are equal.

**P**





**SINGLE CLIPS TO PITCH** Marker width is equal to Clip width and also Marker width and Clip pitch are equal.

**CP**





**SINGLE CLIPS COMPATIBLE TO PITCH** Marker width is less than Clip width, while Marker width and Clip pitch are equal.

**S**







**SINGLE CLIPS** Marker width is equal to Clip width, while Marker pitch is different to Clip pitch.

**C**





**SINGLE CLIPS COMPATIBLE** Marker width is less than Clip width, while Marker pitch is different to Clip pitch.

# CHART

## ALLEN BRADLEY*

| mm | 5x7 | 3x10 | 5x10 | 6x10 | 8x10 | 5x10 | 6x12 |
|---|---|---|---|---|---|---|---|
| Markers | MG-CPM-01.41094 | MG-CPM-01.41092 | MG-CPM-01.41090N | MG-CPM-01.41095 | MG-CPM-01.41096 | MG-CPM-02.41190N | MG-CPM-11.46392 |
| 1492-J3/JG3 | | | P | | | P | |
| 1492-J4/JG4 | | | C | P | | C | P |
| 1492-J6/JG6 | | | | C | P | C | C |
| 1492-J10/JG10 | | | C | | C | C | C |
| 1492-J16/JG16 | | | C | | C | C | C |
| 1492-J35/JG35 | | | C | | C | C | C |
| 1492-JD3 | P | | P | | | P | |
| 1492-JD4 | | | C | P | | C | |
| 1492-JD3C | P | | P | | | P | |
| 1492-JD4C | | | C | P | | C | |
| 1492-WTF3 | P | | | | | P | |
| 1492-WTS3 | P | | | | | P | |
| 1492-J3P | P | | P | | | P | |
| 1492-JD3P | P | | P | | | P | |
| 1492-H... | | | | | | | C |
| 1492-WFB4... | | | | | | | C |
| 1492-JD3FB/JDG3FB | P | | | | | | |
| 1492-L2/LG2 | | P | | | | | |
| 1492-L3/LG3 | | | P | | | P | |
| 1492-L4/LG4 | | | C | P | | C | |
| 1492-L6/LG6 | | | | C | P | C | |
| 1492-L10/LG10 | | | C | C | C | C | |
| 1492-L16/LG16 | | | | | C | | |
| 1492-L35/LG35 | | | | | C | | |
| 1492-LD3 | P | | | | | | |
| 1492-LD4 | P | | | | | | |
| 1492-LTF3 | P | | | | | P | |
| 1492-LS2-3/LS2-4 | P | | P | | | P | |
| 1492-LSG2-3/LSG2-4 | P | | P | | | P | |
| 1492-LKD3 | P | | P | | | P | |
| 1492-L3P | P | | P | | | P | |
| 1492-RFB4... | | | | | | | C |
| 1492-RAFB4... | | | | | | | C |
| 1492-LAFB6... | | | | | | | C |

## BECKHOFF*

| mm | 5x7 | 4,2x9 | 5x5 | 7,5x40 |
|---|---|---|---|---|
| Markers | MG-CPM-01.41094 | MG-CPM-12.46390 | MG-CPM-15 | MG-TAR.45088 |
| KL 24 04 | C | | C | |
| KL 14 08 | C | | C | |
| KL 9010 | | C | | |
| KL 9010 | | | | S |

## CABUR*

| mm | 5x10 | 5x10 | 5x10 | 6x10 | 5x10 | 5x12 | 4,2x9 | |
|---|---|---|---|---|---|---|---|---|
| Markers | MG-CPM-03.41291 | MG-CPM-03.41293 | MG-CPM-04.41390N | MG-CPM-04.41391 | MG-CPM-05.41490 | MG-CPM-10.46192 | MG-CPM-12.46390 | STF-10.42810 |
| ACB series | | C | C | C | | | | |
| CBD.2/4 | S | | P | | | P | | M |
| CBD.4/6 | C | | C | M | | C | M | M |
| CBD.2/4/SH | S | | S | | | P | | M |
| CBD.4/6/SH | C | | C | M | | C | M | M |
| CBD.6/10 | C | | CP | | | C | | M |
| CBD.10/6 | C | | C | | | C | | M |
| CBD. 16/25 | C | | C | | | C | | M |
| CBD. 35 | C | | C | | | C | | M |
| CBC.2/4 | P | M | S | | C | S | | |
| CBC.4/6 | C | | C | M | C | C | M | |
| CBC 35/50 | C | | C | | C | C | | |
| DAS.4/6...DAS.4/6/SS | C | | C | | | C | | |
| DSS.4/6 | C | | C | M | | C | M | |
| CBR.2/4 | P | M | S | | | S | | |

## CABUR*

| mm | 5x10 | 5x10 | 5x10 | 6x10 | 5x10 | 5x12 | 4,2x9 | |
|---|---|---|---|---|---|---|---|---|
| Markers | MG-CPM-03.41291 | MG-CPM-03.41293 | MG-CPM-04.41390N | MG-CPM-04.41391 | MG-CPM-05.41490 | MG-CPM-10.46192 | MG-CPM-12.46390 | STF-10.42810 |
| FVS.4/6 | C | | C | M | | C | M | |
| FFS.4/6 | C | | C | M | | C | M | |
| TLS.2/4 | C | | C | | | C | | |
| TLE.2/4 | C | | C | | | C | | |
| TLD.2/4 | C | | C | | | C | | |
| TDE.2/4 | C | | C | | | C | | |
| PCE.4/6/... | C | | C | M | | C | M | |
| PCE.4/X... | C | | C | | | C | | |
| SFR.4/6...SFR.4/6/C230 | C | | CP | | | C | | |
| SFO.4/6...SFO.4/6/C230 | C | | CP | M | | C | M | |
| FPC.10/16 | C | | C | | | C | | |
| FPL.10/16...FPL.10/16/C230 | C | | C | | | C | | |
| SFR.4/D1A...SFR.4/D3A | C | | CP | | | C | | |
| MPS.2/4/SW...MPS.2/4/SV | S | | S | | | P | | |
| MPS.4/6...MPS.4/6/VS | C | | C | | | C | | |
| SCB.4/6...SCB.&/10/CD | C | | C | | | C | | |
| AFO.2/1+1...AFO.2/2+2/TP | C | | C | | | C | | |
| PDF.2 | C | | C | | | C | | |
| FDP.2 | C | | C | | | C | | |
| CVF.4/6...CVF.4/6/TP | C | | C | | | C | | |
| TC/PO | S | | S | | | P | | |
| VPC.2/4 | S | | S | | | S | | |
| VPD.2/ | S | | S | | | S | | |
| GPM.95/BB...GPM.240/300/CC | C | | C | | | C | | |
| GPA.70...GPA.240 | C | | C | | | C | | |
| ACB.70/BB...ACB.185/240/CC | C | | C | | | C | | |
| BCA.70/BB...BCA.120/185/CC | C | | C | | | C | | |
| MBL.50/6...MBL.150/12 | C | | C | | | C | | |
| TEO.2/4 | S | | S | | | P | | |
| TEO.4/6 | C | | C | M | | C | | |
| CBE.2/4 | P | M | S | | | S | | |
| TE.4/6/D...TE.50/D...TE.50/O | C | | C | | | S | | |
| RN.1/2,5 | | | | | | | | |
| RN.2/4 | P | M | S | | | S | | |
| RP.4/6 | C | | C | | | C | | |
| RFI.2 | C | | C | | | C | | |
| TR.2/4 | P | M | S | | | S | | |
| TR.4/6 | P | M | S | | | S | | |
| MAC.6/10...MAC.6/10/N | C | | CP | | | C | | |
| CAM...CAM/C | C | | CP | | | C | | |
| NCS | C | | C | | | C | | |
| NCV | C | | C | | | C | | |
| CNT.6...CNT.35 | C | | P | | | C | | |
| HMM.1/2,5...HMM.1/2,5/2+2 | | | | | | | P | M |
| HMM.2/4...HMM.6/10 | | | | | | C | | M |
| HTE.2/4...HTE.6/10 | | | | | | C | | |
| HMD.2N...HMD.2/4 | | | | | | C | P | |
| HMS.2/4 | | | | | | C | | |
| HMF.4/6...HMF.4/6/L115 | | | | | | C | | |
| EDM.2/4 | S | | S | | | P | | |
| EDM.4/6...EDM.70/50/BC | C | | C | M | | | | |
| SV.2...SV.2/VS | S | | S | | | P | | |
| SV.4/6...SV.10/16 | C | | C | | | C | | |
| CPS.4/6 | C | | C | | | C | | |
| SCX.10/16...SCX.10/16-PI | C | | C | | | C | | |
| SFC.10/16 | C | | C | | | C | | |
| SFL.10/16 | C | | C | | | C | | |
| FLD.10/16/F5...FLD.10/16/D | C | | C | | | C | | |
| VLM.10/16...VLM.10/16/O | C | | C | | | C | | |
| VL.16...VL.16/O-M | C | | C | | | C | | |
| TC/DIN | S | | S | | | P | | |
| VNF.6/10...VNF.6/10/STP | C | | C | | | C | | |
| CDA.70/BC...CDA.185/BB | C | | C | | | C | | |
| BTU | C | | P | | | C | | |
| BT/3 | C | | P | | | C | | |
| BT/2 | C | | P | | | C | | |
| BT/DIN/PO | C | | P | | | C | | |



CEMBRE

# CHART

## CONNECTWELL*

| Markers | MG-CPM-01 41090N | MG-CPM-01 41091N | MG-CPM-01 41040N | MG-CPM-01 41094 | MG-CPM-03 41291 | MG-CPM-03 41293 | MG-CPM-04 41390N | MG-CPM-04 41340N | MG-CPM-04 41395 | MG-CPM-10 41692 | MG-CPM-12 46390 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | 5x10 | 5x15 | 5x10 | 5x7 | 5x10 | 5x10 | 5x10 | 5x10 | 5x10 | 5x12 | 5x9 |
| CDB4/2(1) | | | | | S | S | P | P | M | | |
| CMC2-2 | | | | | S | S | P | P | M | | |
| CGT6N | | | | | S | | S | S | | | |
| CSCG10T | | | | | S | | S | S | | | |
| CGT16N | | | | | S | | S | S | | | |
| AS2.5/4 | | | | | S | S | P | P | M | | |
| CTU4U | | | | | S | S | P | P | M | | |
| CTS6UCR | | | | | S | | S | S | | | |
| CTS4UN | | | | | S | S | P | P | M | | |
| CT25UCR | | | | | S | | S | S | | | |
| CMDB4/2 | | | | | S | | S | S | | | |
| CSDL6U | | | | | S | | S | S | | | |
| CSC2.5T1-2 | | | | | S | S | P | P | M | | |
| AS6 | | | | | S | | S | S | | | |
| CT25U | | | | | S | | S | S | | | |
| CGT4UN | | | | | S | S | P | P | M | | |
| CGT10N | | | | | S | | S | S | | | |
| DDFL4UELR24V | | | | | S | | S | S | | | |
| DDFL4UEL | | | | | S | | S | S | | | |
| CSC2.5T2-2 | | | | | S | S | P | P | M | | |
| CTS10U | | | | | S | | S | S | | | |
| AS4/3 | | | | | S | | S | S | | | |
| CTS10USC | | | | | S | | S | S | | | |
| AS2.5/3 | | | | | S | S | P | P | M | | |
| CENC16 | | | | | S | | S | S | | | |
| DDFL4U | | | | | S | | S | S | | | |
| CTS2.5UNCR | | | | | S | S | P | P | M | | |
| CDTTU | | | | | S | | S | S | | | |
| CSC4T1-2 | | | | | S | S | P | P | M | | |
| CKT4U | | | | | S | | S | S | | | |
| CSC4T2-2 | | | | | S | | S | S | | | |
| CSCG4T | | | | | S | | S | S | | | |
| CTS6U | | | | | S | | S | S | | | |
| CSC4T | | | | | S | | S | S | | | |
| CSCG2.5T | | | | | S | S | P | P | M | | |
| CSFL6U | | | | | S | | S | S | | | |
| CENC35 | | | | | S | | S | S | | | |
| CGT10U | | | | | S | | S | S | | | |
| CSDL4U | | | | | S | | S | S | | | |
| CSC6T | | | | | S | | S | S | | | |
| CGT4U | | | | | S | | S | S | | | |
| AS4/4 | | | | | S | | S | S | | | |
| AS4 | | | | | S | | S | S | | | |
| CTS4UNCR | | | | | S | | S | S | | | |
| CTS6USC | | | | | S | | S | S | | | |
| STH4 | | | | | S | | S | S | | | |
| CTS16U | | | | | S | | S | S | | | |
| CSCG16T | | | | | S | | S | S | | | |
| CSC6T1-2 | | | | | S | | S | S | | | |
| CSC2.5T | | | | | S | S | P | P | M | | |
| ODL4U | | | | | S | | S | S | | | |
| CMC1-2 | | | | | S | | S | S | | | |
| CDB6/2 | | | | | S | | S | S | | | |
| ODL4UA | | | | | S | | S | S | | | |
| AS2.5 | | | | | S | S | P | P | M | | |
| ADL2.5 | | | | | S | S | P | P | M | | |
| CDB25/2 | | | | | S | | S | S | | | |
| CTS25U | | | | | S | | S | S | | | |
| CDTTUSH | | | | | S | | S | S | | | |
| CTS35UN | | | | | S | | S | S | | | |
| CT35UCR | | | | | S | | S | S | | | |
| CTS10UCR | | | | | S | | S | S | | | |
| CMDB10/2 | | | | | S | | S | S | | | |
| CTS25UN | | | | | S | | S | S | | | |
| CMDB6/2 | | | | | S | | S | S | | | |
| CGT35U | | | | | S | | S | S | | | |
| CSC16T | | | | | S | | S | S | | | |
| CTS95U | S | S | S | S | | | | | | S | M |
| CSC10T | | | | | S | | S | S | | | |
| CTS35U | | | | | S | | S | S | | | |
| CTS16UCR | | | | | S | | S | S | | | |
| CTS50U | S | S | S | S | | | | | | S | M |
| CSFL4U | | | | | S | | S | S | | | |
| STH4DT | | | | | S | | S | S | | | |

## CONNECTWELL*

| Markers | MG-CPM-01 41090N | MG-CPM-01 41091N | MG-CPM-01 41040N | MG-CPM-01 41094 | MG-CPM-03 41291 | MG-CPM-03 41293 | MG-CPM-04 41390N | MG-CPM-04 41340N | MG-CPM-04 41395 | MG-CPM-10 41692 | MG-CPM-12 46390 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | 5x10 | 5x15 | 5x10 | 5x7 | 5x10 | 5x10 | 5x10 | 5x10 | 5x10 | 5x12 | 5x9 |
| CDB10/2 | | | | | S | | S | S | | | |
| ASF4 | | | | | S | | S | S | | | |
| DDFL4UE24V | | | | | S | | S | S | | | |
| CSFL4UL24V | | | | | S | | S | S | | | |
| DDDL4U | | | | | S | | S | S | | | |
| DDFL4ULR | | | | | S | | S | S | | | |
| CTS4UNCR | | | | | S | | S | S | | | |
| CTS2.5UN | | | | | S | S | P | P | M | | |
| CMDB6/2 | | | | | S | | S | S | | | |
| CTS2.5M | | | | S | | | | | | | M |
| CTS4SC | | | | S | | | | | | | M |
| CTS6 | | | | S | | | | | | | M |
| CTS6SC | | | | S | | | | | | | M |
| CTSSRN5 | | | | S | | | | | | | M |
| CTS10SC | | | | | | | | | | | M |
| CTS16 | | | | S | | | | | | | M |
| CTS10 | | | | S | | | | | | | M |

## CONTA CLIP*

| Markers | MG-CPM-01 41090N | MG-CPM-01 41091N | MG-CPM-02 41190N | MG-CPM-01 41094 | STF-01 42801 |
|---|---|---|---|---|---|
| mm | 5x10 | 5x15 | 5x10 | 5x7 | |
| PK-TS 15/35 | C | C | C | C | M |
| ZRKG | C | C | C | C | M |
| ZSLG | C | C | C | C | M |
| ZSLN | C | C | C | C | M |
| ZSRK | C | C | C | C | M |
| ZVMAK | C | C | C | C | M |

## ENTRELEC*

| Markers | MG-CPM-01 41090N | MG-CPM-01 41091N | MG-CPM-01 41094 | MG-CPM-02 41190N | MG-CPM-03 41291 | MG-CPM-04 41390N | MG-CPM-04 41391 | MG-CPM-05 41490 | MG-CPM-12 46390 | MG-CPM-13 41790 | MG-CPM-13 41791 | MG-CPM-15 42908 | MG-CPMF 43091 | MG-CPMF 43094 | MG-IAPW 45197 | MG-IAR 45194 | MG-CPMFA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | 5x10 | 5x15 | 5x7 | 5x10 | 5x10 | 5x10 | 6x10 | 5x10 | 4,2x9 | 5x12 | 6x12 | 5x5 | 7,6x105 | 5,2x105 | 9x29 | 17x35 | 12x105 |
| BAM 3 | | | | | | | | | | S | S | | | | | | |
| BADL | | | | | | C | | | | | | | | | | | |
| CS-R1 | | | | | | | | | | S | S | | | | | | |
| D 2.5/5.D | | | C | | | | | | C | | | C | | | | | |
| D2.5/5.I | | | | | | | | C | | | | | | | | | |
| D 2.5/6.D | P | C | C | C | | | | C | C | | | C | | M | | | |
| D 6/8 | C | C | C | C | | | | C | C | | | C | | M | | | |
| D2.5-5.2L | P | S | S | S | | | | C | S | | | C | | M | | | |
| D2.5-5P.4L | P | S | S | S | | | | C | S | | | C | | M | | | |
| D2.2.5/6.DA (RC65) | P | S | S | S | | | | C | S | | | C | | M | | | |
| D4/6 LNTP | | | | C | | | | | | | | | | M | | | |
| D4-6 2L | | | | C | | | | | | | | | | M | | | |
| D4-6P.2L | | | | C | | | | | | | | | | M | | | |
| D6-8 2L | C | CP | CP | CP | | | | C | CP | | | C | | M | | | |
| D6-8P.2L | C | CP | CP | CP | | | | C | CP | | | C | | M | | | |
| DR/6 | | | | | | | | | C | | | | | | | | |
| MA2.5/5 | | | C | | | | | | | | | | | | | | |
| M 4/6... | | | | | C | C | M | | | | | | | | | | |
| M 4/8 | | | | | C | C | | | | | | | | | | | |
| M 6/8... | | | | | C | C | | | | | | | | | | | |
| M 6/9... | | | | | | | | | | | | | | | | | |
| M 10/10... | | | | | C | C | | | | | | | | | | | |
| M 16/12... | | | | | C | C | | | | | | | | | | | |
| M 35/16... | | | | | C | C | | | | | | | | | | | |
| MA 2.5/5 (RC510) | S | S | S | S | S | S | | | S | | | C | | | | | |
| MA 2.5/5D2 (RC510) | C | C | C | C | C | C | | | C | | | C | | | | | |
| PEAD | | | | | | | | | | | | | | | S | | |
| PEB | | | | | | | | | | | | | | | | S | |
| SNK serie | | | | | | | | | | | | | | | | | S |

# CHART

## ENTRELEC*

| Markers / mm | MG-CPM-01 41090N 5x10 | MG-CPM-01 41091N 5x15 | MG-CPM-01 41094 5x7 | MG-CPM-02 41190N 5x10 | MG-CPM-03 41291 5x10 | MG-CPM-04 41390N 5x10 | MG-CPM-04 41391 6x10 | MG-CPM-05 41490 5x10 | MG-CPM-12 46390 4,2x9 | MG-CPM-13 41790 5x12 | MG-CPM-13 41791 6x12 | MG-CPM-15 42908 5x5 | MG-CPMF 43091 7,6x105 | MG-CPMF 43094 5,2x105 | MG-TAPW 45197 9x29 | MG-TAR 45194 17x35 | MG-CPMFA 12x105 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SNK serie ZS | | | | | | | | | | S | S | | | | | | | | |
| ZS4 | | | | | | | | | | S | S | | P | | | | | | |
| ZS6 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS10 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS16 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS35 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS70 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS95 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS4-R1 | | | | | | | | | | S | S | | P | | | | | | |
| ZS4-D2 | | | | | | | | | | S | S | | P | | | | | | |
| ZS4-D1 | | | | | | | | | | S | S | | P | | | | | | |
| ZS6-D2 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS6-D1 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-PE | | | | | | | | | | S | S | | P | | | | | | |
| ZS6-PE | | | | | | | | | | S | S | | S | P | | | | | |
| ZS10-PE | | | | | | | | | | S | S | | S | S | | | | | |
| ZS16-PE | | | | | | | | | | S | S | | S | S | | | | | |
| ZS35-PE | | | | | | | | | | S | S | | S | S | | | | | |
| ZS70-PE | | | | | | | | | | S | S | | S | S | | | | | |
| ZS95-PE | | | | | | | | | | S | S | | S | S | | | | | |
| ZS4-S | | | | | | | | | | S | S | | P | | | | | | |
| ZS4-S-T2 | | | | | | | | | | S | S | | P | | | | | | |
| ZS4-S-T2.3 | | | | | | | | | | S | S | | P | | | | | | |
| ZS4-S-R1 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-S-T2-R1 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-S-T2.3-R1 | | | | | | | | | | S | S | | P | | | | | | |
| ZS4-SP | | | | | | | | | | S | S | | P | | | | | | |
| ZS4-SP-T2 | | | | | | | | | | S | S | | P | | | | | | |
| ZS4-SP-R1 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-SP-T2-R1 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-S-R2 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-S-R3 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS4-SF | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-SF-T2 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-SF-R1 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-SF-R3 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-SF-R2 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-SF-R4 | | | | | | | | | | S | S | | S | P | | | | | |
| ZS4-SF1 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS4-SF1-T2 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS4-SF1-R1 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS4-SF1-R3 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS4-SF1-R2 | | | | | | | | | | S | S | | S | S | | | | | |
| ZS4-SF1-R4 | | | | | | | | | | S | S | | S | S | | | | | |

## FINDER*

| Markers / mm | MG-CPM-03 41291 5x10 | MG-CPM-04 41392 3x10 | MG-CPM-11 46392 6x12 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38.51... | C | C | | | | | | | | | | | | | | | | | |
| 38.52... | | | C | | | | | | | | | | | | | | | | |
| 38.61... | C | C | | | | | | | | | | | | | | | | | |
| 38.62... | | | C | | | | | | | | | | | | | | | | |
| 38.31... | | | C | | | | | | | | | | | | | | | | |
| 38.21... | C | C | | | | | | | | | | | | | | | | | |
| 38.41... | | | C | | | | | | | | | | | | | | | | |
| 38.81... | C | C | | | | | | | | | | | | | | | | | |
| 39.11... | | | C | | | | | | | | | | | | | | | | |
| 39.20... | | | C | | | | | | | | | | | | | | | | |
| 39.31... | | | C | | | | | | | | | | | | | | | | |
| 39.81... | | | C | | | | | | | | | | | | | | | | |
| 39.91... | | | C | | | | | | | | | | | | | | | | |
| 48.61... | | | C | | | | | | | | | | | | | | | | |
| 58.32... | | | C | | | | | | | | | | | | | | | | |
| 58.33... | | | C | | | | | | | | | | | | | | | | |
| 58.34... | | | C | | | | | | | | | | | | | | | | |
| 93.02... | | | C | | | | | | | | | | | | | | | | |
| 93.03... | | | | | | | | | | | | | | | | | | | |

## FINDER*

| Markers / mm | MG-CPM-03 41291 5x10 | MG-CPM-04 41392 3x10 | MG-CPM-11 46392 6x12 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93.21... | C | C | | | | | | | | | | | | | | | | | |
| 93.61... | | | C | | | | | | | | | | | | | | | | |
| 93.62... | | | C | | | | | | | | | | | | | | | | |
| 93.68... | | | C | | | | | | | | | | | | | | | | |
| 094.91.3 | | | C | | | | | | | | | | | | | | | | |
| 095.91.3 | | | C | | | | | | | | | | | | | | | | |
| 77.01... | | | C | | | | | | | | | | | | | | | | |
| 78.50... | | | C | | | | | | | | | | | | | | | | |
| 80.01... | | | C | | | | | | | | | | | | | | | | |
| 83.01... | | | C | | | | | | | | | | | | | | | | |
| 83.41... | | | C | | | | | | | | | | | | | | | | |

## KLEMNSAN*

| Markers / mm | MG-CPM-01 41090N 5x10 | MG-CPM-01 41091N 5x15 | MG-CPM-02 41190N 5x10 | MG-CPM-01 41094 5x7 | MG-CPM-11 46392 6x12 | MG-CPM-12 46391 4,2x6 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WGD 1 | C | C | C | C | | | | | | | | | | | | | | | |
| KD 3 | C | C | C | C | | | | | | | | | | | | | | | |
| KD 4 | C | C | C | C | | | | | | | | | | | | | | | |
| MVK series | | | | | C | C | | | | | | | | | | | | | |
| AVK series | C | C | C | C | | | | | | | | | | | | | | | |
| PYK | | | | | C | C | | | | | | | | | | | | | |
| PYKMR | C | C | C | C | | | | | | | | | | | | | | | |
| PYK TEST | C | C | C | C | | | | | | | | | | | | | | | |
| YBK series | C | C | C | C | | | | | | | | | | | | | | | |
| MYK series | C | C | C | C | | | | | | | | | | | | | | | |
| YBK series | | | | | | | | | | | | | | | | | | | |
| PCY series | | | | | C | C | | | | | | | | | | | | | |
| PIK series | C | C | C | C | | | | | | | | | | | | | | | |
| AYK series | | | | | C | C | | | | | | | | | | | | | |
| WGL 1 | C | C | C | C | | | | | | | | | | | | | | | |

## LEGRAND*

| Markers / mm | MG-CPM-09 41890 5x10 | MG-CPM-07 41691 5x10 | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Serie Viking 3 | MF | | | | | | | | | | | | | | | | | | |
| Viking 370 | | S | | | | | | | | | | | | | | | | | |

## MORSETTITALIA*

| Markers / mm | MG-CPM-01 41090N 5x10 | MG-CPM-12 46391 4,2x6 | MG-CPM-12 46390 4,2x9 | MG-CPM-13 41790 5x12 | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Serie EURO | S | S | S | | | | | | | | | | | | | | | | |
| Serie EURO QM | | | | S | | | | | | | | | | | | | | | |



CEMBRE

# CHART

## OMRON*

| Markers | MG-CPM-02 41190N | MG-CPM-03 41291 | MG-CPM-04 41392 | MG-CPM-04 41390N | MG-CPM-04 41391 | MG-CPM-05 41490 | MG-CPM-07 41691 | MG-CPM-07 41692 | MG-CPM-15 42909 |
|---|---|---|---|---|---|---|---|---|---|
| mm | 5x10 | 5x10 | 3x10 | 5x10 | 6x10 | 5x10 | 5x10 | 3x10 | 6x5 |
| G2RVSL700-225258 | C | | | | | | | | |
| G2RV-SR500 | | | | C | | | | | |
| G2RV-SR700 | | C | | | | | | | |
| XW5T-S2.5-1.1-1(BL) | | | | | | P | | | |
| XW5T-S2.5-1.1-2 | | | | | | P | | | |
| XW5T-S2.5-1.1-2V | | | | | | P | | | |
| XW5T-S... | | | | | | C | | | |
| XW5G-S2.5-1.1-1 | | | | | | P | | | |
| XW5T-S4.0-1.1.1 | | | | | | C | | | |
| XW5T-S6.0-1.1.1 | | | | | | C | | | |
| XW5T-S10.0-1.1.1 | | | | | | C | | | |
| XW5G-S... | | | | | | C | | | |
| XW5T-P1.5-1.1-1(BL) | | | P | | | | | | |
| XW5T-P2.5-1.1-1(BL) | | | | P | | | P | | |
| XW5T-P4.0-1.1-1(BL) | | | | | S | | C | | |
| XW5T-P1.5-1.2-1(BL) | | | P | | | | | | |
| XW5T-P1.5-2.2-1(BL) | | | P | | | | | | |
| XW5T-P1.5-1.1-2 | | | | | | | | P | |
| XW5T-P2.5-1.1-2 | | | | P | | | P | | |
| XW5T-P2.5-1.2-1 | | | | P | | | P | | |
| XW5T-P2.5-2.2-1 | | | | P | | | P | | |
| XW5T-P4.0-1.1-2 | | | | C | C | | C | | |
| XW5T-P4.0-1.2-1 | | | | C | C | | C | | |
| XW5T-P4.0-2.2-1 | | | | C | C | | C | | |
| XW5Z-EP6 | | | | | | | | | C |
| XWTG-P1.5-1.1-1 | | | P | | | | | | |
| XWTG-P2.5-1.1-1 | | | | P | | | P | | |
| XWTG-P4.0-1.1-1 | | | | | S | | C | | |
| XWTG-P1.5-1.2-1 | | | P | | | | | | |
| XWTG-P1.5-2.2-1 | | | P | | | | | | |

## PHOENIX CONTACT*

| Markers | MG-CPM-03 41291 | MG-CPM-04 41392 | MG-CPM-04 41390N | MG-CPM-04 41395 | MG-CPM-04 41391 | MG-CPM-07 41691 | MG-CPM-07 41692 | STF-04 42804 | MG-CPMF 43092 |
|---|---|---|---|---|---|---|---|---|---|
| mm | 5x10 | 3x10 | 5x10 | 5X10 | 6x10 | 5x10 | 3x10 | | 6,3x105 |
| ASI IO SL DI 4/4 | C | | C | | | M | | | |
| ASI IO SL DIO 4/2/2 | C | | P | | | M | | | |
| ASI IO SL DIO 8/4/4 | C | | P | | | M | | | |
| ASI IO SL DO 4/4 | C | | P | | | M | | | |
| DFK ... | C | | P | | P | M | | | |
| DFK 4 | C | | P | | P | M | | | |
| DFK 4 - PE | C | | P | | P | M | | | |
| DFK 4 - SI | C | | C | | | | | M | |
| DIK 1.5 | C | P | C | | | | | M | |
| DIK 1.5 - LA (RD) | C | P | C | | | | | M | |
| DIKD 1.5 | C | P | C | | | | | M | |
| DIKD 1.5 - LA | C | P | C | | | | | M | |
| DIKD 1.5 - PV | C | P | C | | | | | M | |
| DLK 2.5 - PE | C | | C | | | | | M | |
| DLKB 2.5 PE | C | | C | | | | | M | |
| DOK 1.5 - 2D | C | P | C | | | | | M | |
| DOK 1.5 LA | C | P | C | | | | | M | |
| DOK 1.5 TG | C | P | C | | | | | M | |
| DOKD 1.5 - TG | C | P | C | | | | | M | |
| E - UK | C | | C | | | | | M | |
| GBS 5-UK/B | S | | P | M | | | | M | |
| GTF 76/230 | C | | C | | | | | M | |
| IBIL ... | C | | C | | | | | M | |
| K4 - SP | C | | P | M | | | | M | |
| MBK 3/ E - Z | S | | P | M | | | | M | |
| MBK 3/ E - Z -PE | S | | S | | | | | M | |
| MBK 6 / E | C | | P | M | C | | | M | |
| MBKKB 2.5 | S | | P | M | | | | M | |
| MBKKB 2.5 - DIO | S | | P | M | | | | M | |
| MBKKB 2.5 - PV | S | | P | M | | | | M | |
| MBKKB 2.5 + V | S | | S | | | | | M | |
| MBT 2.5 | C | | C | | | | | M | |
| MBT 2.5 PE | C | | C | | | | | M | |
| MSLKG 6 | C | | C | | | | | M | |

## PHOENIX CONTACT*

| Markers | MG-CPM-03 41291 | MG-CPM-04 41392 | MG-CPM-04 41390N | MG-CPM-04 41395 | MG-CPM-04 41391 | MG-CPM-07 41691 | MG-CPM-07 41692 | STF-04 42804 | MG-CPMF 43092 |
|---|---|---|---|---|---|---|---|---|---|
| mm | 5x10 | 3x10 | 5x10 | 5X10 | 6x10 | 5x10 | 3x10 | | 6,3x105 |
| MTK - LOE | S | | P | M | C | | | M | |
| MTK - P/P | S | | P | M | C | | | M | |
| MTK - TP | S | | P | M | C | | | M | |
| MTKD-... | C | | C | | C | | | M | |
| MTTB 1.5 | | P | | | | | | | |
| OTTA 2.5 | C | | C | | | | | M | |
| OTTA 2.5 PE | C | | C | | | | | M | |
| OTTA 6 | C | | C | | C | | | M | |
| OTTA 6 - PE | C | | C | | C | | | M | |
| OTTA 6 - T | C | | C | | C | | | M | |
| OTTA 25 | C | | C | | C | | | M | |
| PIK 4 -L | C | | C | | P | | | M | |
| PIK 4 - L / L | C | | C | | P | | | M | |
| PIK 4 - L / LB | C | | C | | P | | | M | |
| PIK 4- PE / L / NT | C | | C | | P | | | M | |
| PIK 4 - PE / L / NTB | C | | C | | P | | | M | |
| PIK 4 PE / L / L | C | | C | | P | | | M | |
| PIK 4 PE / L / N | C | | C | | P | | | M | |
| PIK 6 - L / L | C | | C | | C | | | M | |
| PIK 6 - PE / L / L | C | | C | | C | | | M | |
| PIK 6 - PE / L / N | C | | C | | C | | | M | |
| PT 1,5/S | | C | | | | | | | |
| PT2.5 | | | P | | P | | | | |
| PLC RSC | C | | C | | | | | M | |
| PLC BSC | | | S | | | | | | |
| PIT | | | | | | C | | | |
| PTIO 2,5/S/4 | | | | | | C | | | |
| QT 1.5 | C | P | C | | | | | M | |
| QT 1.5 TWIN | C | | C | | | | | M | |
| QT 1.5-PE | C | | C | | | | | M | |
| RTK | C | | C | | C | | | M | |
| SLKK 5 | C | | C | | C | | | M | |
| SLKK 5 - LA | C | | C | | C | | | M | |
| SSK 0525 KER-EX | C | | C | | C | | | M | |
| SSK 110 KER-EX | C | | C | | C | | | M | |
| SSK 116 KER-EX | C | | C | | C | | | M | |
| PT..... | | C | C | | C | C | | C | |
| PTTB | | C | C | | | | | | |
| ST..... | C | P | P | M | C | P | | M | M |
| STU..... | C | P | P | M | C | P | | M | M |
| STS... | C | P | P | M | C | P | | | |
| STI.... | C | P | P | M | C | P | | M | |
| STN... | C | P | P | M | C | P | | M | |
| ST-BE | | | | C | | | | M | |
| STTB | | C | | | C | P | | | |
| STTBS.... | | C | | | C | P | | | |
| TT-EX(I)- 24DC - 2832124 | | | | | | C | | | |
| TML... | C | | C | | C | | | | |
| UDK 3 | S | | P | M | | | | M | |
| UDK 3 - PE | S | | P | M | | | | M | |
| UDK 4 | C | | C | | P | | | M | |
| UDK 4 - ILA | C | | C | | P | | | M | |
| UDK 4 - ULA | C | | C | | P | | | M | |
| UDK 4 MTK - P / P | C | | C | | P | | | M | |
| UDK 4 TG | C | | C | | P | | | M | |
| UDMTK 5 - P / P | C | | C | | C | | | M | |
| UDMTK 5 - TWIN - P/P | C | | C | | C | | | M | |
| UHSK / S 2000 | C | | C | | C | | | M | |
| UHV 25 | C | | C | | C | | | M | |
| UHV 50 | C | | C | | C | | | M | |
| UHV 95 | C | | C | | C | | | M | |
| UHV 150 | C | | C | | C | | | M | |
| UHV 240 | C | | C | | C | | | M | |
| UIK 16 | C | | C | | C | | | M | |
| UIK 16 - PE / N | C | | C | | C | | | M | |
| UIK 35 - PE / N | C | | C | | C | | | M | |
| UIKN 35 | C | | C | | C | | | M | |
| UISLKG 16 | C | | C | | C | | | M | |
| UISLKG 35 | C | | C | | C | | | M | |
| UK - FRONT 4 | C | | C | | C | | | M | |
| UK - FRONT 4 - PE | C | | C | | C | | | M | |
| UK 1.5 N | | P | | | | | | M | |
| UK 2.5 | S | | P | M | | | | | |
| UK 2.5 B | C | | C | | | | | M | |

# CHART

## PHOENIX CONTACT*

| Markers mm | MG-CPM-03 41291 5x10 | MG-CPM-04 41392 3x10 | MG-CPM-04 41390N 5x10 | MG-CPM-04 41395 5X10 | MG-CPM-04 41391 6x10 | MG-CPM-07 41691 5x10 | MG-CPM-07 41692 3x10 | STF-04 42804 | MG-CPMF 43092 6,3x105 |
|---|---|---|---|---|---|---|---|---|---|
| UK 2.5 LOER | C | | C | | | | | M | |
| UK 2.5 N | S | | P | M | | | | M | |
| UK 3 | S | | P | M | | | | M | |
| UK 3 - EX | S | | P | M | | | | M | |
| UK 3 - RETURN | S | | P | M | | | | M | |
| UK 3 - RETURN - PE | S | | P | M | | | | M | |
| UK 3 - TWIN | S | | P | M | | | | M | |
| UK 3 - TWIN - PE | S | | P | M | | | | M | |
| UK 3 N | S | | P | M | | | | M | |
| UK 4 | C | | C | | P | | | M | |
| UK 4 - TG | C | | C | | P | | | M | |
| UK 4 - TG -LOER - P/P | C | | C | | P | | | M | |
| UK 4 FS / FS | C | | C | | P | | | M | |
| UK 4 FSR | C | | C | | P | | | M | |
| UK 4 LOER | C | | C | | P | | | M | |
| UK 4 TP | C | | C | | P | | | M | |
| UK 4 TP / TP | C | | C | | P | | | M | |
| UK 5 | C | | C | | C | | | M | |
| UK 5 - HESI | C | | C | | C | | | M | |
| UK 5 - MTK - P/P | C | | C | | C | | | M | |
| UK 5 - R - L | C | | C | | C | | | M | |
| UK 5 - TWIN | C | | C | | C | | | M | |
| UK 5 - TWIN - EX | C | | C | | C | | | M | |
| UK 5 / R - DRAHT | C | | C | | C | | | M | |
| UK 5 N | C | | C | | C | | | M | |
| UK 5 RETURN | C | | C | | C | | | M | |
| UK 5 RETURN - PE | C | | C | | C | | | M | |
| UK 5 TWIN | C | | C | | C | | | M | |
| UK 5 TWIN - PE | C | | C | | C | | | M | |
| UK 6 | C | | C | | C | | | M | |
| UK 6 N | C | | C | | C | | | M | |
| UK 6.3 HESI | C | | C | | C | | | M | |
| UK 10 | C | | C | | C | | | M | |
| UK 10 - DREHSI | C | | C | | C | | | M | |
| UK 10 - EX | C | | C | | C | | | M | |
| UK 10 - N-PE / N | C | | C | | C | | | M | |
| UK 10 - PLUS | C | | C | | C | | | M | |
| UK 10 - PLUS - PE | C | | C | | C | | | M | |
| UK 10 - TWIN | C | | C | | C | | | M | |
| UK 10 - TWIN - PE | C | | C | | C | | | M | |
| UK 10 N | C | | C | | C | | | M | |
| UK 10 RETURN | C | | C | | C | | | M | |
| UK 10 RETURN - PE | C | | C | | C | | | M | |
| UK 10.3 - HESI | C | | C | | C | | | M | |
| UK 16 | C | | C | | C | | | M | |
| UK 16 - EX | C | | C | | C | | | M | |
| UK 16 - PE / N | C | | C | | C | | | M | |
| UK 16 N | C | | C | | C | | | M | |
| UK 16 N - EX | C | | C | | C | | | M | |
| UK 16 N - PE / N | C | | C | | C | | | M | |
| UK 35 | C | | C | | C | | | | |
| UK 35 - EX | C | | C | | C | | | M | |
| UK 35 - PE / N | C | | C | | C | | | M | |
| UK SI | C | | C | | C | | | M | |
| UKB 4 FS ... | C | | C | | C | | | M | |
| UKD 4 PE | C | | C | | C | | | M | |
| UKH 25 | C | | C | | C | | | M | |
| UKH 50 | C | | C | | C | | | M | |
| UKH 50 - PE / N | C | | C | | C | | | M | |
| UKH 95 | C | | C | | C | | | M | |
| UKH 95 - PE / N | C | | C | | C | | | M | |
| UKH 150 | C | | C | | C | | | M | |
| UKH 240 | C | | C | | C | | | M | |
| UKK 3 | S | | S | | C | | | M | |
| UKK 4 - FS | C | | C | | P | | | M | |
| UKK 4 - FS / FS | C | | C | | P | | | M | |
| UKK 5 | C | | C | | C | | | M | |
| UKK 5 - DIO | C | | C | | C | | | M | |
| UKK 5 - TG | C | | C | | C | | | M | |
| UKK 5 -2 -DIO | C | | C | | C | | | M | |
| UKK 5 -LA | C | | C | | C | | | M | |
| UKKB 3 | S | | P | M | C | | | M | |
| UKKB 5 | C | | C | | C | | | M | |
| UKKB 10 | C | | C | | C | | | M | |

## PHOENIX CONTACT*

| Markers mm | MG-CPM-03 41291 5x10 | MG-CPM-04 41392 3x10 | MG-CPM-04 41390N 5x10 | MG-CPM-04 41395 5X10 | MG-CPM-04 41391 6x10 | MG-CPM-07 41691 5x10 | MG-CPM-07 41692 3x10 | STF-04 42804 | MG-CPMF 43092 6,3x105 |
|---|---|---|---|---|---|---|---|---|---|
| UKKB 10 / 2.5 | C | | C | | C | | | M | |
| UKKB 10 / 2.5 - PE | C | | C | | C | | | M | |
| UKN 2.5 | C | | C | | C | | | M | |
| UKN 4 | C | | C | | P | | | M | |
| UKN 5 | C | | C | | C | | | M | |
| UKN 10 (N) | C | | C | | C | | | M | |
| UKN 16 | C | | C | | C | | | M | |
| UKN 16N | C | | C | | C | | | M | |
| UKN 35 | C | | C | | C | | | M | |
| UKSN | C | | C | | C | | | M | |
| URK - ND | C | | C | | C | | | M | |
| URK - ND 2 | C | | C | | C | | | M | |
| URKN | C | | C | | C | | | M | |
| URKN - A | C | | C | | C | | | M | |
| URKN / S | C | | C | | C | | | M | |
| URTK - BEN | C | | C | | C | | | M | |
| URTK / S | C | | C | | C | | | M | |
| URTK / S - BEN | C | | C | | C | | | M | |
| URTK / SS | C | | C | | C | | | M | |
| URTKD / SP | C | | C | | C | | | M | |
| USED 16 | C | | C | | C | | | M | |
| USED 27 | C | | C | | C | | | M | |
| USEN 14 | C | | C | | C | | | M | |
| USEN 18 | C | | C | | C | | | M | |
| USK / SGSK | C | | C | | C | | | M | |
| USK 4 FSR... | C | | C | | P | | | M | |
| USLKG 2.5 | S | | S | | | | | M | |
| USLKG 2.5 - N | S | | S | | | | | M | |
| USLKG 3 | S | | S | | | | | M | |
| USLKG 4 | C | | C | | P | | | M | |
| USLKG 5 | C | | C | | C | | | M | |
| USLKG 10 (N) | C | | C | | C | | | M | |
| USLKG 16 | C | | C | | C | | | M | |
| USLKG 16 N | C | | C | | C | | | M | |
| USLKG 35 | C | | C | | C | | | M | |
| USLKG 50 | C | | C | | C | | | M | |
| USLKG 95 | C | | C | | C | | | M | |
| UT 4 | C | | C | | P | | | M | |
| UT 4 BU | C | | C | | P | | | M | |
| UT 4 YE | C | | C | | P | | | M | |
| UT 4-MTD BU | C | | C | | P | | | M | |
| UT 4-MTD-PE | C | | C | | P | | | M | |
| UTTB 2,5 | | | C | | | | | M | |
| UTK 35 | C | | C | | C | | | | |
| UXKK 4 | C | | C | | C | | | M | |
| VBSN 4 FS .... | C | | C | | | | | M | |
| VBST 4 FS / FS | C | | C | | | | | M | |
| VIOK 1.5 | C | P | C | | | | | M | |
| VIOK 1.5-2D | C | P | C | | | | | M | |
| VIOK 1.5-3D/PE | C | P | C | | | | | M | |
| VIOK 1.5-D/TG/D/PE | C | P | C | | | | | M | |
| VIOK 1.5-LA | C | P | C | | | | | M | M |
| ZDIK 1.5 | | | | | | | C | | |
| ZFDK 2.5 | C | | C | | | | | M | |
| ZFDK -PE | C | | C | | | | | M | |
| ZFK 1.5 | | P | | | | | | M | |
| ZFK 2.5 - PE | C | | C | | | | | | |
| ZFK 2.5 - PE / L / N | C | | C | | | | | M | |
| ZFK 2.5 - TWIN | C | | C | | | | | M | |
| ZFK 2.5 - TWIN - PE | C | | C | | | | | M | |
| ZFK 4 | C | | C | | P | | | M | |
| ZFK 4 - PE | C | | C | | P | | | M | |
| ZFK 4 - TG | C | | C | | P | | | M | |
| ZFK 6 | C | | C | | C | | | M | |
| ZFK 16 | C | | C | | C | | | M | |
| ZFK I 4 | C | | C | | C | | | M | |
| ZFKK 2.5 (-MT) | C | | C | | C | | | M | |
| ZFKN 4 | C | | C | | C | | | M | |



CEMBRE

# CHART

## SCHLEGEL*

| mm | | 3x10 | 5x10 | 5X10 | 6x10 | 5x10 |
|---|---|---|---|---|---|---|
| Markers | | MG-CPM-04 41392 | MG-CPM-04 41390N | MG-CPM-04 41395 | MG-CPM-04 41391 | MG-CPM-07 41691 |
| IK... | | P | P | P | P | P |

## SCHNEIDER ELECTRIC*

| mm | | 5x10 | 5x10 | 6x10 | 8x10 | 5x10 |
|---|---|---|---|---|---|---|
| Markers | | MG-CPM-04 41390N | MG-CPM-04 41395 | MG-CPM-04 41391 | MG-CPM-04 41396 | MG-CPM-07 41691 |
| NSYTRV22 / PE | | P | M | | | |
| NSYTRV42 / PE | | C | | M | | |
| NSYTRV62 / PE | | C | | | M | |
| NSYTRV102 / PE | | C | | | | |
| NSYTRV162 / PE | | C | | | | |
| NSYTRV352 / PE | | C | | | | |
| NSYTRV502 / PE | | C | | | | |
| NSYTRV702 | | C | | | | |
| NSYTRV23 / PE | | P | M | | | |
| NSYTRV24 / PE | | P | M | | | |
| NSYTRV43 / PE | | C | | M | | |
| NSYTRV44 / PE | | C | | M | | |
| NSYTRV24D / PE | | P | M | | | |
| NSYTRV44D / PE | | C | | M | | |
| NSYTRV26T / PE | | P | M | | | |
| NSYTRV26TC | | P | M | | | |
| NSYTRV22SC | | P | M | | | |
| NSYTRV22TB | | P | M | | | |
| NSYTRV42SC | | C | | M | | |
| NSYTRV42TB | | C | | M | | |
| NSYTRV42SCD | | C | | M | | |
| NSYTRV24SCD | | P | M | | | |
| NSYTRV162SF | | C | | | | |
| NSYTRV42SF5 | | C | | | M | |
| NSYTRV42SF6 | | C | | | | |
| NSYTRV62TTD | | C | | | M | |
| NSYTRV62TT / PE | | C | | | M | |
| NSYTRV42NE | | C | | M | | |
| NSYTRV62NE | | C | | | M | |
| NSYTRV25LL / PE | | P | M | | | P |
| NSYTRV25NLPE | | P | M | | | P |
| NSYTRV22M / PE | | P | M | | | |
| NSYTRV42M / PE | | C | | M | | |
| NSYTRR22 / PE | | P | M | | | P |
| NSYTRR23 / PE | | P | M | | | P |
| NSYTRR24 / PE | | P | M | | | P |
| NSYTRR42 / PE | | C | | M | | C |
| NSYTRR43 / PE | | C | | M | | C |
| NSYTRR44 / PE | | C | | M | | C |
| NSYTRR62 / PE | | C | | | M | C |
| NSYTRR63 | | C | | | M | C |
| NSYTRR102 / PE | | C | | | | C |
| NSYTRR162 / PE | | C | | | | C |
| NSYTRR352 / PE | | C | | | | C |
| NSYTRR24D / PE | | P | M | | | P |
| NSYTRR44D / PE | | C | | M | | C |
| NSYTRR26T / PE | | P | M | | | P |
| NSYTRR26TC | | P | M | | | P |
| NSYTRR22SC | | P | M | | | P |
| NSYTRR23SC | | P | M | | | P |
| NSYTRR22TB | | P | M | | | P |
| NSYTRR23TB | | P | M | | | P |
| NSYTRR42SC | | | | | | C |
| NSYTRR42TB | | | | | | C |
| NSYTRR24SCD | | | | | | P |
| NSYTRR22M / PE | | | | | | P |
| NSYTRR24M | | | | | | C |
| NSYTRR22MF | | | | | | P |
| NSYTRR24MF | | | | | | C |
| NSYTRR22MP | | | | | | P |
| NSYTRR24MP | | | | | | C |
| NSYTRP22 / PE | | P | M | | | P |
| NSYTRP23 / PE | | P | M | | | P |

## SCHNEIDER ELECTRIC*

| mm | | 5x10 | 5x10 | 6x10 | 8x10 | 5x10 |
|---|---|---|---|---|---|---|
| Markers | | MG-CPM-04 41390N | MG-CPM-04 41395 | MG-CPM-04 41391 | MG-CPM-04 41396 | MG-CPM-07 41691 |
| NSYTRP24 / PE | | P | M | | | P |
| NSYTRP42 / PE | | C | | M | | C |
| NSYTRP43 / PE | | C | | M | | C |
| NSYTRP44 / PE | | C | | M | | C |
| NSYTRP24D / PE | | P | M | | | P |
| NSYTRP26T / PE | | P | M | | | P |

## SIEMENS*

| mm | | 3x10 | 5x10 | 5X10 | 5x10 | 4,2x6 | 4,2x9 | 10,5x105 | 4,6x118 | 7x105 |
|---|---|---|---|---|---|---|---|---|---|---|
| Markers | | MG-CPM-04 41392 | MG-CPM-04 41390N | MG-CPM-06 41591 | MG-CPM-07 41691 | STF-04 42804 | MG-CPM-12 46391 | MG-CPM-12 46390 | STF aganci | MG-CPMF 43093 | MG-CPMF 43095 | MG-VYB 16090 |
| 8WH... | | P | P | | P | | | | | | | |
| 8WA1 011-0DF21 | | C | | S | | M | MF | MF | | | | |
| 8WA1 011-0DG21 | | C | | S | | M | MF | MF | | | | |
| 8WA1 011-1BF23 | | C | | S | | M | MF | MF | M | M | | |
| 8WA1 011-1DF11 | | C | | S | | M | MF | MF | M | M | | |
| 8WA1 011-1DG11 | | C | | S | | M | | | | | M | |
| 8WA1 011-2DG11 | | C | | S | | M | | | | | M | |
| 8WA1 011-3DF21 | | C | | S | | M | | | | | M | |
| 8WA1 011-3DG21 | | C | | S | | M | | | | | M | |
| 8WA1 011-1DH11 | | C | | S | | M | | | M | | | |
| 8WA1 221 | | C | | S | | M | | | M | | | |
| 8WA1 741-2X | | C | | S | | M | | | M | | | |
| 8WA2 011-1DF20 | | C | | S | | M | | | M | | | |
| 8WA2 011-1DG20 | | C | | S | | | | | M | | | |
| 8WA2 011-1DH20 | | C | | S | | | | | M | | | |

## WAGO*

| mm | | 3x10 | 5x10 | 5x15 | 5x7 | 5x10 | 5x10 | 5x10 | 5x10 | 4,2x6 | 4,2x9 | STF | 10,5x105 | 4,6x118 | 7x105 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Markers | | MG-CPM-01 41092 | MG-CPM-01 41090N | MG-CPM-01 41091N | MG-CPM-01 41094 | MG-CPM-02 41190N | MG-CPM-03 41291 | MG-CPM-03 41293 | MG-CPM-04 41390N | MG-CPM-12 46391 | MG-CPM-12 46390 | | MG-CPMF 43093 | MG-CPMF 43095 | MG-VYB 16090 |
| Top-Job 2000 | | C | | | C | | | | | MF | MF | | | | |
| Top-Job 2001 | | C | | | C | | | | | MF | MF | | | | |
| Top-Job 2002 | | C | C | S | C | S | | | | MF | MF | M | M | | |
| Top-Job 2003 | | C | C | S | C | S | | | | MF | MF | M | M | | |
| Top-Job 2004 | | C | C | C | C | C | | | | | | | | | M |
| 260-... | | | | | | | | | | | | | | | M |
| 261-... | | | | | | | | | | | | | | | M |
| 262-... | | | | | | | | | | | | | | M | |
| 264-... | | | | | | | | | | | | M | | | |
| 280-520 | | | | | | | P | M | C | | | M | | | |
| 280-560 | | | | | | | P | M | C | | | M | | | |
| 280-601 | | | | | | | P | M | C | | | M | | | |
| 280-607 | | | | | | | P | M | C | | | M | | | |
| 280-612 | | | | | | | P | M | C | | | M | | | |
| 280-622 | | | | | | | P | M | C | | | M | | | |
| 280-626 | | | | | | | P | M | C | | | M | | | |
| 280-633 | | | | | | | P | M | C | | | M | | | |
| 280-641 | | | | | | | P | M | C | | | M | | | |
| 280-646 | | | | | | | P | M | C | | | M | | | |
| 280-649 | | | | | | | P | M | C | | | M | | | |
| 280-650 | | | | | | | P | M | C | | | M | | | |
| 280-651 | | | | | | | P | M | C | | | M | | | |
| 280-653 | | | | | | | P | M | C | | | M | | | |
| 280-654 | | | | | | | P | M | C | | | M | | | |
| 280-656 | | | | | | | P | M | C | | | M | | | |
| 280-671 | | | | | | | P | M | C | | | M | | | |
| 280-672 | | | | | | | P | M | C | | | M | | | |

# CHART

## WAGO*

| Markers mm | 3x10 | 5x10 | 5x15 | 5x7 | 5x10 | 5x10 | 5x10 | 5x10 | 4,2x6 | 4,2x9 | STF | 10,5x105 | 4,6x118 | 7x105 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MG-CPM-01 41092 | MG-CPM-01 41090N | MG-CPM-01 41091N | MG-CPM-01 41094 | MG-CPM-02 41190N | MG-CPM-03 41291 | MG-CPM-03 41293 | MG-CPM-04 41390N | MG-CPM-12 46391 | MG-CPM-12 46390 | MG-CPMF 43093 | MG-CPMF 43095 | MG-VYB 16090 | |
| 280-676 | | | | | | P | M | C | | | M | | | |
| 280-681 | | | | | | P | M | C | | | M | | | |
| 280-683 | | | | | | P | M | C | | | M | | | |
| 280-684 | | | | | | P | M | C | | | M | | | |
| 280-685 | | | | | | P | M | C | | | M | | | |
| 280-687 | | | | | | P | M | C | | | M | | | |
| 280-695 | | | | | | P | M | C | | | M | | | |
| 280-830 | | | | | | P | M | C | | | M | | | |
| 280-831 | | | | | | P | M | C | | | M | | | |
| 280-832 | | | | | | P | M | C | | | M | | | |
| 280-833 | | | | | | P | M | C | | | M | | | |
| 280-834 | | | | | | P | M | C | | | M | | | |
| 280-835 | | | | | | P | M | C | | | M | | | |
| 280-836 | | | | | | P | M | C | | | M | | | |
| 280-837 | | | | | | P | M | C | | | M | | | |
| 280-869 | | | | | | P | M | C | | | M | | | |
| 280-870 | | | | | | P | M | C | | | M | | | |
| 280-871 | | | | | | P | M | C | | | M | | | |
| 280-874 | | | | | | P | M | C | | | M | | | |
| 280-875 | | | | | | P | M | C | | | M | | | |
| 280-876 | | | | | | P | M | C | | | M | | | |
| 280-878 | | | | | | P | M | C | | | M | | | |
| 280-880 | | | | | | P | M | C | | | M | | | |
| 280-881 | | | | | | P | M | C | | | M | | | |
| 280-882 | | | | | | P | M | C | | | M | | | |
| 280-883 | | | | | | P | M | C | | | M | | | |
| 280-884 | | | | | | P | M | C | | | M | | | |
| 280-885 | | | | | | P | M | C | | | M | | | |
| 280-901 | | | | | | P | M | C | | | M | | | |
| 280-902 | | | | | P | M | C | | | M | | | | |
| 280-903 | | | | | P | M | C | | | M | | | | |
| 280-904 | | | | | P | M | C | | | M | | | | |
| 280-905 | | | | | P | M | C | | | M | | | | |
| 280-906 | | | | | P | M | C | | | M | | | | |
| 280-907 | | | | | P | M | C | | | M | | | | |
| 280-912 | | | | | P | M | C | | | M | | | | |
| 280-946 | | | | | P | M | C | | | M | | | | |
| 281-601 | | | | | C | | C | | | M | | | | |
| 281-604 | | | | | C | | C | | | M | | | | |
| 281-607 | | | | | C | | C | | | M | | | | |
| 281/611 | | | | | C | | C | | | M | | | | |
| 281-631 | | | | | C | | C | | | M | | | | |
| 281-652 | | | | | C | | C | | | M | | | | |
| 281-653 | | | | | C | | C | | | M | | | | |
| 281-654 | | | | | C | | C | | | M | | | | |
| 281-657 | | | | | C | | C | | | M | | | | |
| 281-659 | | | | | C | | C | | | M | | | | |
| 281-660 | | | | | C | | C | | | M | | | | |
| 281-663 | | | | | C | | C | | | M | | | | |
| 281-664 | | | | | C | | C | | | M | | | | |
| 281-666 | | | | | C | | C | | | M | | | | |
| 281-668 | | | | | C | | C | | | M | | | | |
| 281-678 | | | | | C | | C | | | M | | | | |
| 281-679 | | | | | C | | C | | | M | | | | |
| 281-681 | | | | | C | | C | | | M | | | | |
| 281-683 | | | | | C | | C | | | M | | | | |
| 281-684 | | | | | C | | C | | | M | | | | |
| 281-685 | | | | | C | | C | | | M | | | | |
| 281-686 | | | | | C | | C | | | M | | | | |
| 281-687 | | | | | C | | C | | | M | | | | |
| 281-901 | | | | | C | | C | | | M | | | | |
| 281-902 | | | | | C | | C | | | M | | | | |
| 281-903 | | | | | C | | C | | | M | | | | |
| 281-904 | | | | | C | | C | | | M | | | | |
| 281-905 | | | | | C | | C | | | M | | | | |
| 281-906 | | | | | C | | C | | | M | | | | |
| 281-907 | | | | | C | | C | | | M | | | | |
| 281-912 | | | | | C | | C | | | M | | | | |
| 282-601 | | | | | C | | C | | | M | | | | |
| 282-604 | | | | | C | | C | | | M | | | | |
| 282-607 | | | | | C | | C | | | M | | | | |
| 282-681 | | | | | C | | C | | | M | | | | |
| 282-682 | | | | | C | | C | | | M | | | | |
| 282-684 | | | | | C | | C | | | M | | | | |

## WAGO*

| Markers mm | 3x10 | 5x10 | 5x15 | 5x7 | 5x10 | 5x10 | 5x10 | 5x10 | 4,2x6 | 4,2x9 | STF | 10,5x105 | 4,6x118 | 7x105 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MG-CPM-01 41092 | MG-CPM-01 41090N | MG-CPM-01 41091N | MG-CPM-01 41094 | MG-CPM-02 41190N | MG-CPM-03 41291 | MG-CPM-03 41293 | MG-CPM-04 41390N | MG-CPM-12 46391 | MG-CPM-12 46390 | MG-CPMF 43093 | MG-CPMF 43095 | MG-VYB 16090 | |
| 282-687 | | | | | C | | C | | | M | | | | |
| 282-901 | | | | | C | | C | | | M | | | | |
| 282-902 | | | | | C | | C | | | M | | | | |
| 282-904 | | | | | C | | C | | | M | | | | |
| 282-907 | | | | | C | | C | | | M | | | | |
| 283-602 | | | | | C | | C | | | | | | | |
| 283-604 | | | | | C | | C | | | M | | | | |
| 283-607 | | | | | C | | C | | | M | | | | |
| 283-609 | | | | C | | C | | MF | MF | | | | | |
| 283-671 | | | | | C | | C | | | M | | | | |
| 283-672 | | | | | C | | C | | | M | | | | |
| 283-674 | | | | | C | | C | | | M | | | | |
| 283-677 | | | | | C | | C | | | M | | | | |
| 283-901 | | | | | C | | C | | | M | | | | |
| 283-902 | | | | | C | | C | | | M | | | | |
| 283-904 | | | | | C | | C | | | M | | | | |
| 283-907 | | | | | C | | C | | | M | | | | |
| 284-601 | | | | | C | | C | | | | | | | |
| 284-604 | | | | | C | | C | | | | | | | |
| 284-607 | | | | | C | | C | | | | | | | |
| 284-681 | | | | | C | | C | | | M | | | | |
| 284-682 | | | | | C | | C | | | M | | | | |
| 284-684 | | | | | C | | C | | | M | | | | |
| 284-687 | | | | | C | | C | | | M | | | | |
| 284-901 | | | | | C | | C | | | M | | | | |
| 284-902 | | | | | C | | C | | | M | | | | |
| 284-904 | | | | | C | | C | | | M | | | | |
| 284-907 | | | | | C | | C | | | M | | | | |
| 285-601 | | | | | C | | C | | | M | | | | |
| 285-605 | | | | | C | | C | | | M | | | | |
| 698-281 | | | | | C | | C | | | | | | | |
| 150-603 | | | | | | | | S | | | | | | |
| 290-681 | | | | | P | M | C | | | | | | | |
| 750-xxx | S | S | C | S | | | | | | M | | | | |
| 769-237 | S | S | C | S | | | | | | M | | | | |
| 769-176 | C | | | | | | | | | M | | | | |
| 775-641 | | | | | | | | | | M | | | | |
| 777-641 | | | | | | | | | | M | | | | |
| 870-501 | S | | C | S | | | | C | | M | | | | |
| 870-507 | S | | C | S | | | | C | | M | | | | |
| 870-531 | S | | C | S | | | | C | | M | | | | |
| 870-538 | S | | C | S | | | | C | | M | | | | |
| 870-551 | S | | C | S | | | | C | | | | | | |
| 870-567 | S | | C | S | | | | C | | | | | | |
| 870-831 | S | | C | S | | | | C | | | | | | |
| 870-901 | S | | C | S | | | | C | | | | | | |
| 880-901 | S | | C | S | P | M | S | | | | | | | |
| AKZ 4../ AKB 4... | C | C | C | C | M | | | | | | | | | |
| DLA 2.5 | C | C | C | C | M | | | | | | | | | |
| DLD 2.5 | C | C | C | C | M | | | | | | | | | |
| DLI 2.5 | C | C | C | C | M | | | | | | | | | |
| EK 2.5 | C | C | C | C | M | | | | | | | | | |
| EK 6 | CP | CP | CP | CP | M | | | | | | | | | |
| EK 10 | C | C | C | C | M | | | | | | | | | |
| EK 16 | C | C | C | C | M | | | | | | | | | |
| EK 35 | C | C | C | C | M | | | | | | | | | |
| EW15 | C | C | C | C | M | | | | | | | | | |
| EW35 | C | C | C | C | M | | | | | | | | | |
| EWK1 | C | C | C | C | M | | | | | | | | | |
| EWK2 | C | C | C | C | M | | | | | | | | | |
| IAK 1.5N 3L | S | S | S | S | M | | | | | | | | | |
| IDK 1.5 | S | | S | S | M | | | | | | | | | |
| IDK 1.5N | S | S | S | S | M | | | | | | | | | |
| IDK 1.5N/V | S | S | S | S | M | | | | | | | | | |
| IDU 1.5N | S | S | S | S | M | | | | | | | | | |
| IDU 2.5N | C | C | C | C | M | | | | | | | | | |
| IEK 1.5N | S | | S | S | M | | | | | | | | | |
| IIK 1.5N | S | | S | S | M | | | | | | | | | |
| IPE 1.5N | S | | S | S | M | | | | | | | | | |
| WAGO I/O SYSTEM 750 | | | | | | | | P | | | | | | |
| Serie 870/X-Com/TJS/264 | | | | | | | | P | | | | | | |



CEMBRE

# CHART

## WEIDMÜLLER*

| Markers / mm | MG-CPM-01.41092 3X10 | MG-CPM-01.41090N 5X10 | MG-CPM-01.41091N 5X15 | MG-CPM-01.41094 5X7 | MG-CPM-02.41190N 5X10 | STF-01.42801 aggancio | MG-CPMF.43094 5.2X105 | MG-TAR.45094 17X40 | MG-TAR.45098 7,5X40 |
|---|---|---|---|---|---|---|---|---|---|
| AKZ 4../ AKB 4... | | C | C | C | C | | | | |
| A4C.... | C | C | | C | C | | | | |
| A2C 1.5 | C | | | | | | | | |
| AI022..... | C | C | | C | C | | | | |
| DLA 2.5 | | P | C | C | C | | | | |
| DLD 2.5 | | P | C | C | C | | | | |
| DLI 2.5 | | P | C | C | C | | | | |
| EK 2.5 | | C | C | C | C | | | | |
| EK 6 | | CP | CP | CP | CP | | | | |
| EK 10 | | C | C | C | C | | | | |
| EK 16 | | C | C | C | C | | | | |
| EK 35 | | C | C | C | C | | | | |
| EW15 | | C | C | C | C | | | | |
| EW35 | | C | C | C | C | | | | |
| EWK1 | | C | C | C | C | | | | |
| EWK2 | | C | C | C | C | | | | |
| IAK 1.5N 3L | | S | S | S | S | | | | |
| IDK 1.5 | P | S | | S | S | | | | |
| IDK 1.5N | P | S | S | S | S | | | | |
| IDK 1.5N/V | P | S | S | S | S | | | | |
| IDU 1.5N | P | S | S | S | S | | | | |
| IDU 2.5N | P | P | C | C | C | | | | |
| IEK 1.5N | P | S | | S | S | | | | |
| IIK 1.5N | P | S | | S | S | | | | |
| IPE 1.5N | P | S | | S | S | | | | |
| IPE 2.5N | | C | | C | C | | | | |
| ITR 1.5N | | S | | S | S | | | | |
| LP2N 5.08/06/90 3.2SN OR BX | | | | C | | | | | |
| MAK 2.5 | | P | C | C | C | | | | |
| Mak 2.5/VLI 1.5 | | P | C | C | C | | | | |
| NT 4 | | C | C | C | C | | | | |
| NT 6 | | CP | CP | CP | CP | | | | |
| NT 10 | | C | C | C | C | | | | |
| NT 16 | | C | C | C | C | | | | |
| PPV.... | C | C | P | C | C | | | | |
| SAI-M16 / M23 in SAI-M8 | | C | C | C | C | | | | |
| SAK 2.5 | | P | C | C | C | M | M | | |
| SAK 4 | | C | C | C | C | M | M | | |
| SAK 6 | | CP | CP | CP | CP | M | M | | |
| SAK 10 (PA) | | C | C | C | C | M | M | | |
| SAK 16 | | C | C | C | C | M | M | | |
| SAK 35 | | C | C | C | C | M | M | | |
| SAK 70 | | C | C | C | C | M | M | | |
| SAK 95 | | C | C | C | C | M | M | | |
| SAKA 10 | | C | C | C | C | M | | | |
| SAKB 10 | | C | C | C | C | M | | | |
| SAKC 4 | | C | C | C | C | M | | | |
| SAKC 10 | | C | C | C | C | M | | | |
| SAKD 2.5 N | | P | S | S | S | M | | | |
| SAKG 28 | | C | C | C | C | M | | | |
| SAKG 32 | | C | C | C | C | M | | | |
| SAKG 40 | | C | C | C | C | M | | | |
| SAKG 46 | | C | C | C | C | M | | | |
| SAKG 54 | | C | C | C | C | M | | | |
| SAKG 70 | | C | C | C | C | M | | | |
| SAKR | | C | C | C | C | M | | | |
| SAKRD | | C | C | C | C | M | | | |
| SAKS 1 | | C | C | C | C | M | | | |
| SAKS 2 | | C | C | C | C | M | | | |
| SAKS 3 | | C | C | C | C | M | | | |
| SAKS 4 | | C | C | C | C | M | | | |
| SAKS 5 | | C | C | C | C | M | | | |
| SAKT 1 | | CP | CP | CP | CP | M | | | |
| SAKT 2 | | CP | CP | CP | CP | M | | | |
| SAKT 4 | | C | C | C | C | M | | | |
| SCHT5 | | | | | | | | S | |
| SCHT55 | | | | | | | | | S |
| SS 6 | | C | C | C | C | | | | |
| SS 8 | | C | C | C | C | | | | |
| SS 10 | | C | C | C | C | | | | |
| SS 12 | | C | C | C | C | | | | |
| TOP 2.5 | | P | C | C | C | | | | |
| TOP 4 | | C | C | C | C | | | | |
| TRZ24VDC | | | | C | | | | | |

## WEIDMÜLLER*

| Markers / mm | MG-CPM-01.41092 3X10 | MG-CPM-01.41090N 5X10 | MG-CPM-01.41091N 5X15 | MG-CPM-01.41094 5X7 | MG-CPM-02.41190N 5X10 | STF-01.42801 aggancio | MG-CPMF.43094 5.2X105 | MG-TAR.45094 17X40 | MG-TAR.45098 7,5X40 |
|---|---|---|---|---|---|---|---|---|---|
| VLI 2.5 | | P | C | C | C | | | | |
| WDK 2.5 | | P | S | S | S | | | | |
| WDK 2.5 800V | | P | C | C | C | | | | |
| WDK 2.5N | | P | S | S | S | | | | |
| WDK 4N | | C | C | C | C | | | | |
| WDL 2.5 | | P | C | C | C | | | | |
| WDL 2.5 / S | | P | C | C | C | | | | |
| WDT 1.5 | P | C | C | C | C | | | | |
| WDTR 2.5 | | P | C | C | C | | | | |
| WDU 1.5 | P | S | S | S | S | | | | |
| WDU 1.5 BLA | P | S | S | S | S | | | | |
| WDU 1.5 LD/BLA | P | S | S | S | S | M | | | |
| WDU 1.5/BLZ 5.08 | P | S | S | S | S | M | | | |
| WDU 1.5/BLZ R7.62 | P | S | S | S | S | M | | | |
| WDU 1.5/BLZ/LD/5.08 | P | S | S | S | S | M | | | |
| WDU 1.5ZZ | P | S | S | S | S | M | | | |
| WDU 2.5 | | P | S | S | S | M | | | |
| WDU 2.5 F | | P | S | S | S | M | | | |
| WDU 2.5 FF | | P | S | S | S | M | | | |
| WDU 2.5 N | | P | S | S | S | M | | | |
| WDU 2.5 TC | | P | S | S | S | M | | | |
| WDU 2.5/1.5/ZZ | | P | S | S | S | M | | | |
| WDU 4 | | C | C | C | C | M | | | |
| WDU 4N | | C | C | C | C | M | | | |
| WDU 6 | | C | C | C | C | M | | | |
| WDU 10 | | C | C | C | C | M | | | |
| WDU 10SL | | C | C | C | C | M | | | |
| WDU 16 | | C | C | C | C | M | | | |
| WDU 35 N | | C | C | C | C | M | | | |
| WDU 70/95 | | C | C | C | C | M | | | |
| WDU 95N | | C | C | C | C | M | | | |
| WDU 120/150 | | C | C | C | C | M | | | |
| WDU 240 | | C | C | C | C | M | | | |
| WEV 35/2 | | C | C | C | C | M | | | |
| WFF 35 | | C | C | C | C | M | | | |
| WFF 70 | | C | C | C | C | M | | | |
| WFF 120 | | C | C | C | C | | | | |
| WFF 185 | | C | C | C | C | | | | |
| WFF 300 | | C | C | C | C | | | | |
| WKF:MG-CPM-04 | | | | | | | | | |
| WIN BLOCK | | C | C | C | C | | | | |
| WNT 2.5 | | P | S | S | S | | | | |
| WNT 4 | | C | C | C | C | | | | |
| WNT 6 | | C | C | C | C | | | | |
| WNT 10 | | C | C | C | C | | | | |
| WPE 1.5 | P | S | S | S | S | | | | |
| WPE 1.5/ZZ | P | S | S | S | S | | | | |
| WPE 2.5 | | P | S | S | S | | | | |
| WPE 2.5/1.5/ZR | | P | C | C | C | | | | |
| WPE 4 | | C | C | C | C | | | | |
| WPE 6 | | C | C | C | C | | | | |
| WPE 10 | | C | C | C | C | | | | |
| WPE 16 | | C | C | C | C | | | | |
| WPE 35 | | C | C | C | C | | | | |
| WSI 6 | | C | C | C | C | | | | |
| WSI 6/2 | | C | C | C | C | | | | |
| WTL 6/1 | | C | C | C | C | | | | |
| WTL 6/2 | | CP | CP | CP | CP | | | | |
| WTR 2.5 | | P | C | C | C | | | | |
| ZBLD 2.5/1.5 | C | P | | C | C | | | | |
| ZDK 2.5/1.5 | C | P | | C | C | | | | |
| ZDK 2.5/1.5 DU-PE | C | P | | C | C | | | | |
| ZDK 2.5/1.5 N-PE | C | P | | C | C | | | | |
| ZDK 2.5/1.5 V / E | C | P | | C | C | | | | |
| ZDK 2.5/1.5/E | C | P | | C | C | | | | |
| ZDK 2.5/1.5/E BL | C | P | | C | C | | | | |
| ZDK 2.5/1.5/LD/1 | C | P | | C | C | | | | |
| ZDK 2.5/1.5/LD/2 | C | P | | C | C | | | | |
| ZDK 2.5/1.5/N-PE/E | C | P | | C | C | | | | |
| ZDK 2.5/1.5D1...6 | C | P | | C | C | | | | |
| ZDK 2.5/1.5N-DU | C | P | | C | C | | | | |
| ZDK 2.5/1.5N-DU/E | C | P | | C | C | | | | |
| ZDK 2.5/1.5N-DU-PE/E | C | P | | C | C | | | | |
| ZDK 2.5/1.5PE | C | P | | C | C | | | | |

# CHART

## WEIDMÜLLER*

| Markers mm | 3X10 | 5x10 | 5x15 | 5x7 | 5x10 | | 5,2x105 | 17x40 | 7,5x40 |
|---|---|---|---|---|---|---|---|---|---|
| | MG-CPM-01 41092 | MG-CPM-01 41090N | MG-CPM-01 41091N | MG-CPM-01 41094 | MG-CPM-02 41190N | STF-01 42801 aggancio | MG-CPMF 43094 | MG-TAR 45094 | MG-TAR 45098 |
| ZDK 2.5/1.5V | P | | C | C | | | | | |
| ZDKB | C | | C | C | | | | | |
| ZDKS | C | | C | C | | | | | |
| ZDLD 2.5 / 1.5 | P | | C | C | | | | | |
| ZDLD 2.5 / 1.5 V | P | | C | C | | | | | |
| ZDU 1.5 | | | | | | | | | |
| ZDU 2.5 2.5/10 | P | C | C | C | | | | | |
| ZDU 2.5/2x2AN | P | | C | C | | | | | |
| ZDU 2.5/2x2AN (/E) BL | P | | C | C | | | | | |
| ZDU 2.5/2x2AN/10 | P | | C | C | | | | | |
| ZDU 2.5/2x2AN/D | P | | C | C | | | | | |
| ZDU 2.5/2x2AN/E | P | | C | C | | | | | |
| ZDU 2.5/2x2AN/LD | P | | C | C | | | | | |
| ZDU 2.5/3AN | P | C | C | C | | | | | |
| ZDU 2.5/3AN (/E) BL | P | | C | C | | | | | |
| ZDU 2.5/3AN/10 | P | | C | C | | | | | |
| ZDU 2.5/3AN/E | P | | C | C | | | | | |
| ZDU 2.5/4AN | P | C | C | C | | | | | |
| ZDU 2.5/4AN (/E) BL | P | | C | C | | | | | |
| ZDU 2.5/4AN/10 | P | | C | C | | | | | |
| ZDU 2.5-2/3 | P | | C | C | | | | | |
| ZDU 2.5-2/3AN (/E) BL | P | | C | C | | | | | |
| ZDU 2.5-2/4AN (/E) | P | | C | C | | | | | |
| ZDU 2.5-2/3AN (/E) BL | C | | C | C | | | | | |
| ZDU 2.5-2/4AN (/E) | C | | C | C | | | | | |
| ZDU 2.5-2/4AN (/E) BL | P | | C | C | | | | | |
| ZDU 2.5 (/E) | P | | C | C | | | | | |
| ZDU 2.5 (/E) BL | P | | C | C | | | | | |
| ZDU 2.5-2 | P | | C | C | | | | | |
| ZDU 4 | C | | C | C | | | | | |
| ZDU 6 | CP | | CP | CP | | | | | |
| ZDU 10 NT | C | | C | C | | | | | |
| ZDU 16 16/3AN | C | | C | C | | | | | |
| ZDU 35 | C | | C | C | | | | | |
| ZDUA 2.5-2 (/E) | P | | C | C | | | | | |
| ZDUA 2.5-2 (/E) BL | P | | C | C | | | | | |
| ZDUB 2.5 / 2-2/4AN | P | | C | C | | | | | |
| ZDUB 2.5 / 2AN | P | | C | C | | | | | |
| ZDUB 2.5-2/2AN | P | | C | C | | | | | |
| ZIA 1.5/.... | C | C | C | C | | | | | |
| ZK3S | C | | C | C | | | | | |
| ZKB | C | | C | C | | | | | |
| ZKS | C | | C | C | | | | | |
| ZPE 2.5/4AN | P | C | C | C | | | | | |
| ZPE 2.5 | P | | C | C | | | | | |
| ZPE 2.5/3AN | P | | C | C | | | | | |
| ZPE 2.5/3AN/E | P | | C | C | | | | | |
| ZPE 2.5/4AN | P | | C | C | | | | | |
| ZPE 2.5/4AN/E | P | | C | C | | | | | |
| ZPE 2.5/E | P | | C | C | | | | | |
| ZPE 2.5-2 (/E) | P | | C | C | | | | | |
| ZPE 2.5-2/3AN | P | C | C | C | | | | | |
| ZPE 2.5-2/3AN/E | P | | C | C | | | | | |
| ZPE 2.5-2/4AN | P | | C | C | | | | | |
| ZPE 35 | C | | C | C | | | | | |
| ZPEA -2/E | C | | C | C | | | | | |
| ZRV 1.5 | P C | | C | C | | | | | |
| ZRV 1.5PE | C | | C | C | | | | | |
| ZSI 2.5 | P | | C | C | | | | | |
| ZSI 2.5/2 | P | | C | C | | | | | |
| ZSLD 2.5/1.5 | P | | C | C | | | | | |
| ZTR 2.5 | P | C | C | C | | | | | |
| ZTR 2.5 D | P | C | C | C | | | | | |
| ZTR 2.5/3AN | P | | C | C | | | | | |
| ZVL 1.5 .... | P C | C | C | C | | | | | |

## WIELAND*

| Markers mm | 5x10 | 5x10 | |
|---|---|---|---|
| | MG-CPM-05 41490 | MG-CPM-05 41494 | STF-05 42805 |
| WT 2,5 | P | M | M |
| WT 4 | C | C | M |
| WT 6 | C | C | M |
| WT 10 | C | C | M |
| WT 16 | C | C | M |
| WTP 2,5/4 | P | M | M |
| WTP 6/10 | C | C | M |
| WK 2,5/ U | P | M | M |
| WK 4/ U | C | C | M |
| WK 6/ U | C | C | M |
| WK 8/ U | C | C | M |
| WK 10/ U | C | C | M |
| WK 25/ U | C | C | M |
| WK 35/ U | C | C | M |
| WKFN 16/35 | C | C | M |
| WKFN 2,5 D | C | C | M |

## WOERTZ*

| Markers mm | 3X10 | 5x10 | 5x10 | 5x7 | 6x12 |
|---|---|---|---|---|---|
| | MG-CPM-01 41092 | MG-CPM-01 41090N | MG-CPM-02 41190N | MG-CPM-01 41094 | MG-CPM-11 46392 |
| 30544 / 4 V | C | C | C | C | C |
| 30544 / 6 V | C | C | C | C | C |
| 30544 / 10 V | C | CP | CP | CP | C |
| 30800 | C | C | C | C | C |
| 30840 | | | | | C |
| 30841 | C | C | C | C | C |
| 30842 | C | C | C | C | C |
| 30843 | C | C | C | C | C |
| 30844 | C | C | C | C | C |
| 3430 | C | C | C | C | C |
| 35310/4V | C | C | C | C | C |

* The trademark belongs to the respective Company and is used in this document only to purpose the identifivation of the respective technical characteristics and compatibility with the products manufactured by CEMBRE.



CEMBRE

# Test methods

*conforming to the edition of the standard current at the time of testing*

## INDELIBILITY

CEI EN 60950-1

Information technology equipment - Safety
Part 1: General requirements
§ 1.7.11 Durability

Compliance is checked by inspection and by rubbing the marking by hand for 15 s with a piece of cloth soaked with water and again for 15 s with a piece of cloth soaked with Hexane.

After this test, the marking shall be legible; it shall not be possible to remove marking plates easily and they shall show no curling.

CEI EN 61010-1 Ed.2 equivalent to VDE 0411-1

Safety indications for electric devices
for measurement, control and laboratory use
Part 1: General indications

This regulation requires that both material and the print shall withstand cleaning with chemical agents commonly used in industry.

By rubbing manually by hand, without excessive pressure, for 30 seconds with a cloth soaked in the specific detergent or, if not specified, Isopropyl Alcohol.

## CEMBRE INTERNAL TEST

This test was created to simulate cleaning with chemical products commonly used on various surfaces.

By wiping with a cloth soaked in 95% Ethanol 30 times and making a visual inspection after every 10 passes.

## SALINE MIST

UNI EN ISO 9227

Environmental Testing
Part 2: Tests - Test Ka: Salt mist

The test methods listed by the standard are the following:

- *Concentration of 50 ± 5 g/l of Sodium Chloride;*
- *pH of the solution between 6.5 and 7.2;*
- *Temperature inside the cabin 35 ± 2°C.*

Self-adhesive media are applied to plastic surfaces, while cable markers are applied to cables with PVC insulation.

After the test, the samples must undergo a visual examination and, if necessary, electrical and mechanical controls as required by appropriate regulations. At the end of the test, the print should still be legible.

## RESISTANCE TO SOLVENT VAPOUR

CEI EN 60464-2

Resistance to solvent vapour is verified by the condition of the test sample following exposure.

The standard requires the sample to be placed in a container of the specified solvent.

The test samples must be suspended vertically with the lower edge around

150 mm above the surface of the test solvent. During the exposure, the liquid must not evaporate completely and, if necessary, must be topped up. The temperature of the test solvent must be 23 ± 2 °C and the duration of exposure must be 168h ± 1 (seven days). After removal from the container, each test sample must be examined to determine whether there has been any change in appearance, loss of adherence of the sub layer, exfoliation, detachment, bulging or other signs of deterioration.

Solvents used by Cembre are: Acetone (not for PVC material), Ethanol, Hexane

Excepting PET transparent material.

## RESISTANCE TO ABRASION

DIN 30643

This standard specifies a test method to determine resistance to rubbing and abrasion of printed flat surfaces that are exposed to mechanical forces such as rubbing and chemical stresses such as cleaning fluids.

After testing the print should be legible to the naked eye.

The following materials printed with the MG2-EPTR 991611 Premium Black Ribbon are certified DIN 30643-A-S-3:

- *Rigid flat White PVC*
  *MG-TAP, MG-TAA, MG-TAR, MG-DOG, MG-PTS, MG-PTSA, MG-ETF, MG-TPMF, MG-TAPW, MG-PLC, MG17.5-R, MG2-17.5-R, MG17.5-A, MG2-17.5-A, MG-VRT-R, MG2-VRT-R, MG-VRT-AH, MG2-VRT-AH, MG-SIGNS-A, MG-CPMF.*
- *Rigid flat White Polycarbonate*
  *MG-TAA-HF, MG-TAP-HF, MG-PTS-HF, MG-PTSA-HF, MG-ETF-HF, MG-TPMF-HF, MG-DOG-HF, MG-VRT-A-HF, MG2-VRT-A-HF, MG-VRT-AH-HF, MG2-VRT-AH-HF*
- *White Polycarbonate*
  *MG-CPM, MG-TDM, MG2-TDMO*
- *White PVC film*
  *MG-VYT, MG2-VYT, MG-17.5-VY, MG-17.5-SB, MG-SIGNS-VY, MG-CPMFA*
- *White Polyester film*
  *MG-PYT, MG-17.5-PY, MG-SIGNS-PY*
- *Yellow PVC coated fabric*
  *MG-VCT*

## UV RESISTANCE

UNI EN ISO 4892-2

Methods of exposure to laboratory light sources
Part 2: Xenon arc lamps

- *Exposure to artificial laboratory light, in Solarbox model 1500E.*
- *The properties of the material and the legibility of the print are verified after the test.*
- *Temperature of black panel: 65°C ± 3°C*
- *Exposure: continuous*
- *Radiation: 550 W/m2*
- *Xenon 1500 W lamp*
- *Borosilicate 280 mm filter (outdoor)*
- *External testing temperature: 20°C ± 5°C*

## EFFECT OF AGEING

CEI 16-7

Elements to identify terminals and cable endings
Paragraph 7.4 Thermal tests

20 samples per type and size are used, applied on cylindrical steel barrels approx. 100 mm long: 10 of the minimum diameter and 10 of the maximum diameter of the cable used with the element. The samples are then located in a climatic chamber and held for 5 hours at the maximum usage temperature expected, then left to cool to room temperature.

At the end of the test, all of the samples should show substantial dimensional stability. None of the samples, especially those in temperature regulating material, should have breaks or cracks.

Small deformations are allowed. Where applicable, it should be possible to remove and replace elements tested in holders.

Conformity is verified by visual examination.

## EFFECT OF IMMERSION IN LIQUID CHEMICALS

UNI EN ISO 175

Test methods to determine the effects of immersion in chemicals

The standard specifies methods for exposing plastic test samples to liquid chemical agents and for determining changes in characteristics caused by this exposure. It includes the immersion test for 24 hours of the entire surface of the test sample and applies to all solid plastic materials, submitted in the form of printed or extruded materials, plates, pipes, bars or sheets with a thickness greater than 0.1 mm.

The test samples are completely immersed in a test liquid for a specified time and temperature.

Their characteristics are determined before immersion, after removal from the liquid and after drying.

The test methods specified are the following:

• Changes in mass, dimensions and appearance, immediately after removal from the liquid and after drying

• Change in the physical characteristics (mechanical, thermal, optical, etc.) immediately after removal from the liquid and after drying.

• The quantity of liquid absorbed.

Chemicals used by Cembre: Hydrochloric acid, Nitric acid, Hydrofluoric acid

Standard test methods carried out by Cembre.
For tests carried out on specific media,
datasheets are available upon request or via our website.

# GMCK

## *Pre-printed MARKINGENIUS® media specification*

*for panel plates*

## CUSTOMER INFORMATION

Contact name .....

Company.....

Address.....

City.....Postcode.....

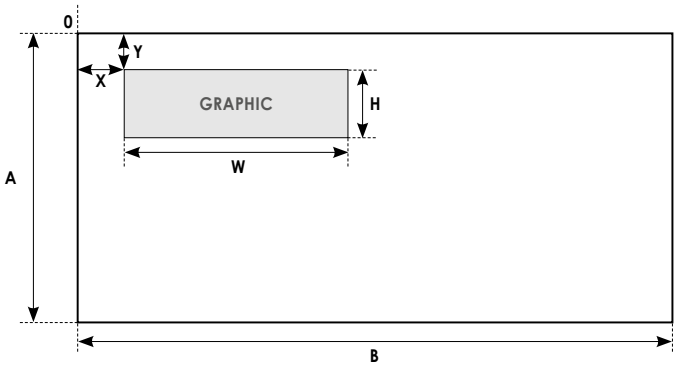
Phone ..... Fax.....

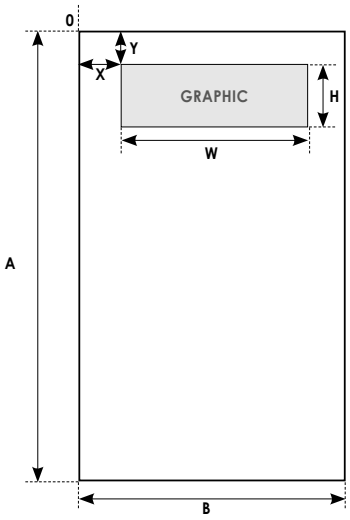
E-mail .....

## MEDIUM

Part code .....

□ Landscape Size mm **A**..... **B**.....  □ Portrait Size mm **A**..... **B**.....




□ self adhesive □ plain □ predrilled with holes

Colour.....

## GRAPHIC

GRAPHIC Area **W**.....x **H**..... mm

GRAPHIC Position **X**.....x **Y**..... mm

GRAPHIC Colour references (Pantone®, RAL...) .....

□ GRAPHIC Vector file (Adobe Illustrator .ai, Corel Draw .cdr, AutoCAD .dxf)

□ Sample PLATE (eg. currently used)

## ORDER

First order quantity..... Annual consumption.....

Date sent.....Authorised by .....

Signature .....

# *Pre-embossed tags specification*

*for inox tags*

## CUSTOMER INFORMATION

Contact name .....

Company.....

Address.....

City.....Postcode.....

Phone ..... Fax.....

E-mail .....

## DATI PER IL SERVICE

□ SMP01A10X90 Quantity:.....

□ SMP01A20X90 Quantity:.....

Attach the xls file (Excel) to the request with the detailed description of the text to be embossed for each single plate.

See example:

| | A | B |
|---|---|---|
| 1 | BFI01 | |
| 2 | BFI02 | |
| 3 | BFI03 | |
| 4 | BDS01 | |
| 5 | BDS02 | |
| 6 | BDS03 | |
| 7 | BDS04 | |
| 8 | BKV01 | |
| 9 | BKV02 | |
| 10 | BKV03 | |
| 11 | BKV04 | |
| 12 | BKV05 | |
| 13 | BKV06 | |
| 14 | BKV07 | |
| 15 | BKV08 | |
| 16 | BHV01 | |
| 17 | BHV02 | |
| 18 | BHV03 | |
| 19 | BHV04 | |
| 20 | BHV05 | |
| 21 | BHV06 | |
| 22 | BHV07 | |
| 23 | BHV08 | |
| 24 | BHV09 | |
| 25 | BHV10 | |

## ORDER

Date.....Signature .....

# GMCTTL

*Pre-printed labels specification*

*for TTL labels on reel*

## CUSTOMER INFORMATION

Contact name .....

Company.....

Address.....

City.....Postcode.....

Phone ..... Fax .....

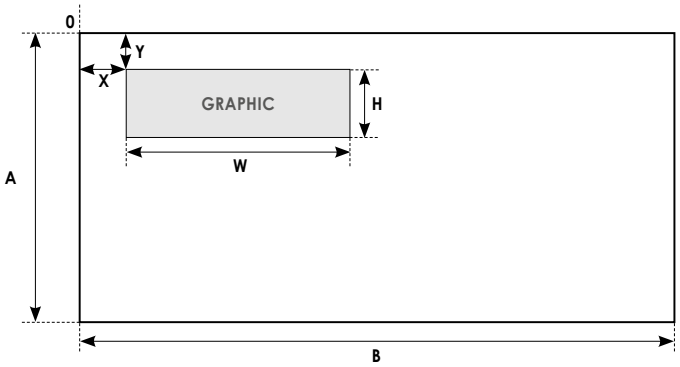
E-mail .....

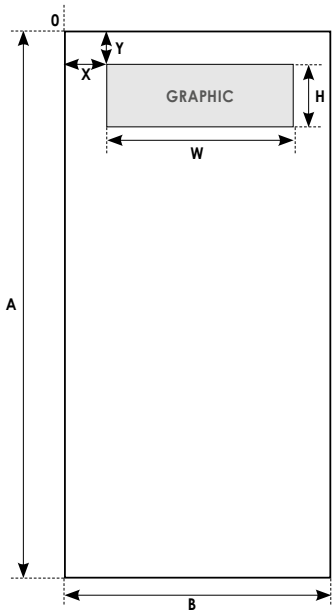
## LABEL

Part code .....

□ Landscape Size mm **A**..... **B**.....

□ Portrait Size mm **A**..... **B**.....




## GRAPHIC

GRAPHIC Area **W**.....x **H**..... mm

GRAPHIC Position **X**.....x **Y**..... mm

GRAPHIC Colour references (Pantone®, RAL...) .....

□ GRAPHIC Vector file (Adobe Illustrator .ai, Corel Draw .cdr, AutoCAD .dxf)

## ORDER

First order quantity..... Annual consumption.....

Date sent.....Authorised by .....

Signature .....

# GENIUSPRO

## *GENIUSPRO License Request*

*to order new GENIUSPRO software licenses*

### CUSTOMER INFORMATION

Contact name .....

Company.....

Address.....

City.....Postcode.....

Phone ..... Fax.....

E-mail .....

### SENT BY RETAILER

Retailer .....

Branch .....

Contact name .....

Phone ..... FAX .....

E-mail .....

### PRINTER TYPE & SERIAL NUMBER

| | |
|---|---|
| □ MG3 | Serial number ..... |
| □ MG2 | Serial number ..... |
| □ ROLLY3000 | Serial number ..... |
| □ ROLLY2000 | Serial number ..... |
| □ ROLLY2000TR1 | Serial number ..... |
| □ ROLLY2000TR2 | Serial number ..... |

### REASON FOR REQUEST

□ Buying another printer: PRINTER TYPE ..... SERIAL NUMBER .....

□ Increased number of users

□ Change in computer

□ Other

### GENIUSPRO LICENSE

□ GENIUSPRO-1L (single license)

□ GENIUSPRO-5L (multiple licenses)

Date.....Signature .....

# NOTES

# NOTES

# the Cembre group

Cembre SpA - Italy



Cembre Ltd - UK



Cembre Sarl - France



Cembre España SLU - Spain



Cembre GmbH - Germany



Cembre Inc - USA



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printing: IGB Group Brescia.

Code 6260472

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ISO 14001 Certified Environmental Management System

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