# Cembre

# IDENTIFICATION &
# LABELLING
## *systems*

**MAKING THE RIGHT CONNECTIONS**

**Cembre**

This catalogue illustrates our identification and labelling systems.

For each product family the principal features are indicated, along with typical applications and the necessary guidelines for correct application.

Our sales personnel are at your disposal to provide more detailed information and our design and development engineers are available to study new solutions for particular applications.

**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)*

On 14th December 1990 Cembre SpA Quality Management System was certified by Lloyd's Register of Quality Assurance (LRQA) according to ISO 9002-1987 EN 29002 - 1987 BS 5750: Part 2: 1987 for the manufacture of insulated and uninsulated copper crimping connectors.

Then on 22nd December 1992 Cembre SpA was certified ISO 9001 for the design and manufacture of cable accessories, electrical connectors and associated tools.

The activities of the main premises in Brescia, the Italian regional offices and the subsidiary companies in Great Britain, France, Spain, Germany and USA are governed by a single Quality System, assessed by Lloyd's Register of Quality as conforming to the ISO 9001:2008 norm, for the design, manufacture and sales of electrical connectors and associated tools, cable accessories, marking systems, tooling and products for railway applications. In house repair, refurbishment and calibration of tooling.

This guarantees a homogeneous and high quality level of the products and services that Cembre offers to its customers.

Cembre S.p.A. has recently recognised the need to align its Environmental Management System with the spirit and content of UNI EN ISO 14001: 2004 as fundamental to future development.

To this end the company undertook a wide-ranging review of all functions including development and design stages, material selection, usage and manufacturing processes.

The resulting definition of operational procedures in line with these aims and provisions has enabled Cembre S.p.A. to achieve Environmental Certification, further highlighting the companies sensitive and careful approach to environmental protection.

Cembre S.p.A. has recently enhanced its business processes with the certification by Lloyd's Register of Quality Assurance, of its Management System for the Health and Safety of Workers, in accordance with the standard OHSAS18001:2007 (Occupational Health and Safety Management System).

The project, launched in early 2011, was strategically designed to facilitate the active participation of all employees at every level in the application of systems management, in order to optimise compliance of risk management capability with regard to laws and regulations concerning the health and safety of workers.

All employees have received exhaustive training and are involved, by exercising their individual responsibility and competence, as key players in the identification of residual risk situations and the proposal of corrective solutions.

For Cembre then, this certification is not only the proper recognition of the quality of work performed, but also an incentive to maintain a determined competitive advantage in increasingly difficult and aggressive international markets.

**Cembre S.p.A. Group head office, Brescia, Italy**

**Cembre Ltd, Birmingham, UK**

*Cembre Ltd is one of the production units in the Cembre group. Since its establishment in December 1986, the company has enjoyed years of continuous growth. Its main office, laboratory and works are located in Curdworth, near Birmingham, while its active sales force serves customers throughout the UK and Ireland.*

**Cembre Inc. Edison, New Jersey, USA**

*Operative since March 1999, Cembre Inc. based in Edison, NJ, provides full stock of our products available to customers, technical assistance and repair capabilities with immediate availability of spare-parts. Our head-office in Edison serves the United States, Canada and Mexico.*

## 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 ROLLY2000

ROLLY2000 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 ROLLY2000 to print 1000 cable tags in less than two minutes.

ROLLY2000TR1 is more specifically 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.*

- *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

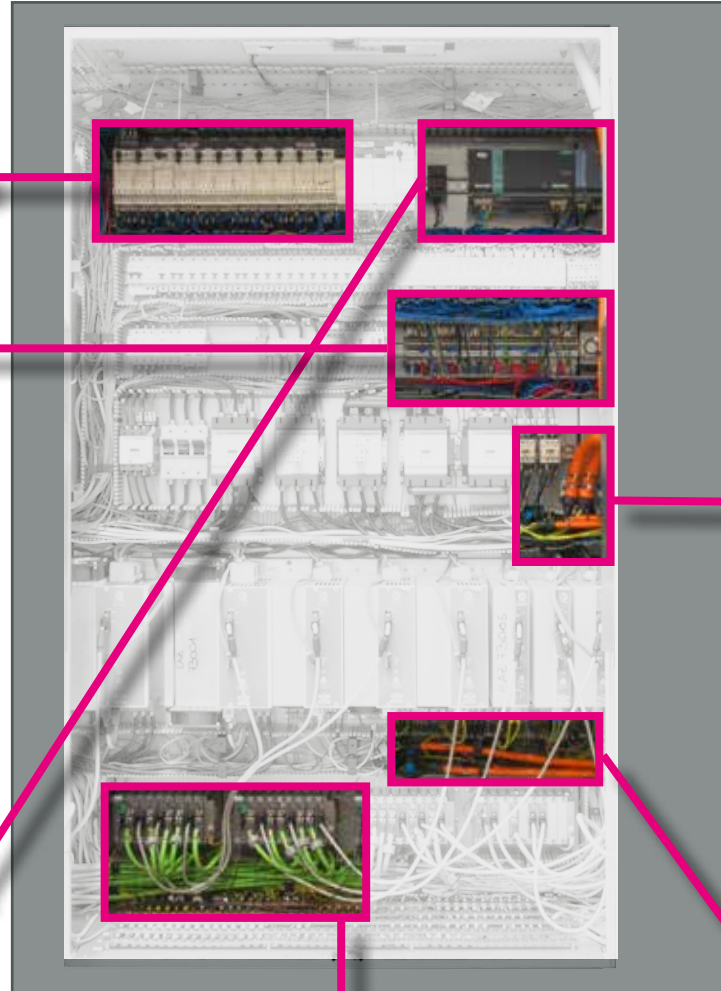Warning, prohibition and mandatory signs, on A4 sheets.

# 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

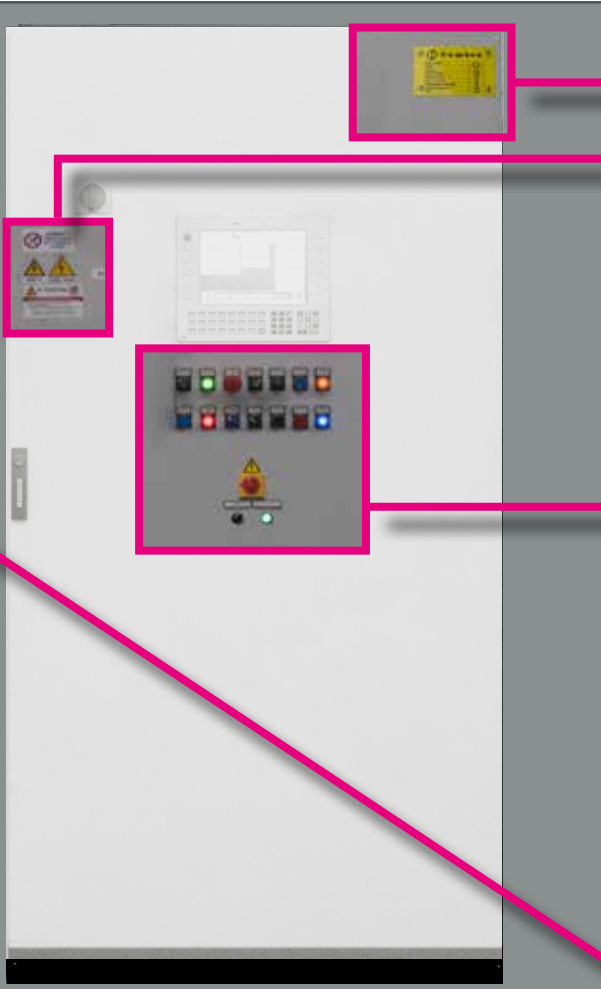## SINGLE CABLES

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

# HOW TO MARK

## 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

## PANEL EXTERIORS



## PUSH BUTTONS & INDICATORS



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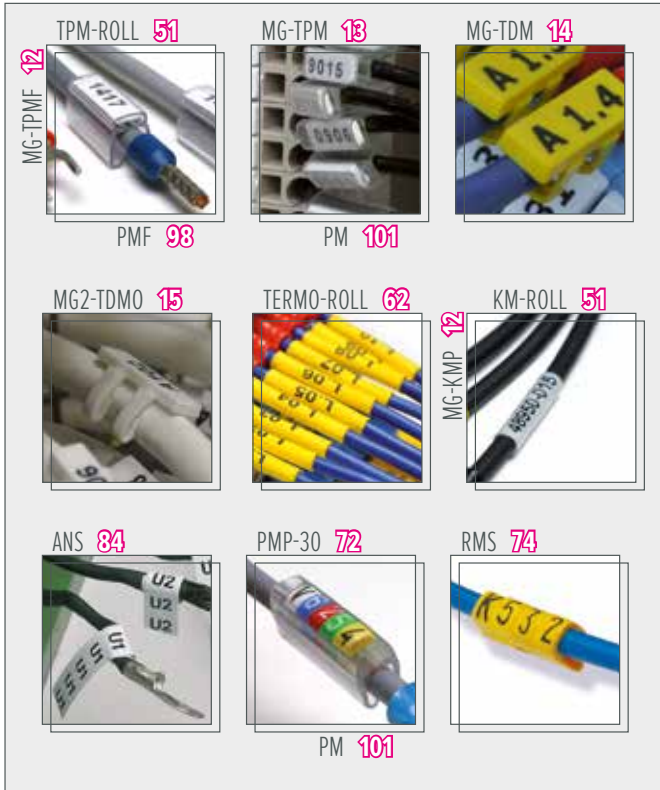self adhesive labels

## CONNECTORS



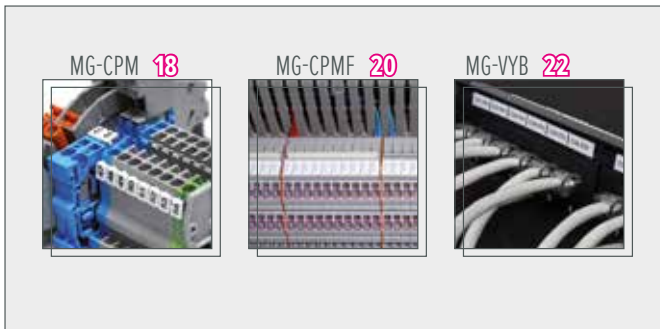self adhesive legends & labels

## CONDUITS, PIPES & MULTI-CORE



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

# HOW TO MARK

## SINGLE CABLES

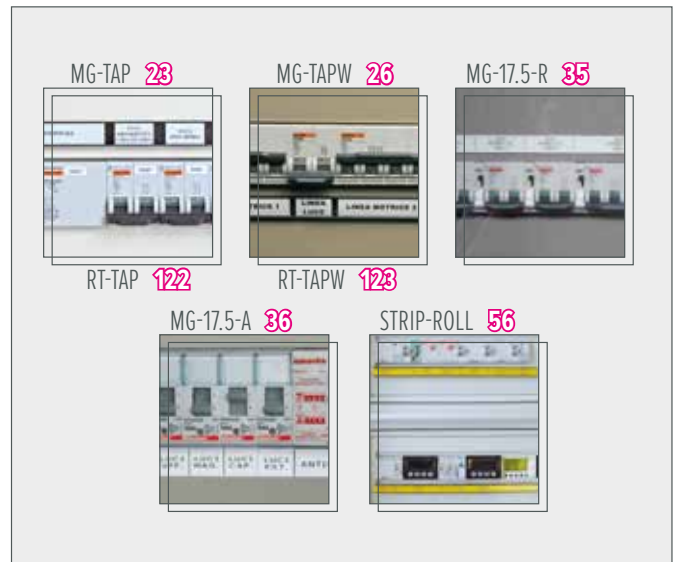| | | |
|---|---|---|
| TPM-ROLL 51 | MG-TPM 13 | MG-TDM 14 |
| MG-TPMF 12 | | |
| PMF 98 | PM 101 | |
| MG2-TDMO 15 | TERMO-ROLL 62 | KM-ROLL 51 |
| | | MG-KMP 12 |
| ANS 84 | PMP-30 72 | RMS 74 |
| | PM 101 | |

## TERMINAL BLOCKS

| | | |
|---|---|---|
| MG-CPM 18 | MG-CPMF 20 | MG-VYB 22 |

## CONNECTORS

| | | |
|---|---|---|
| MG-TAA 29 | MG-VYT 30 | MG-VCT 32 |

## CONDUITS, PIPES & MULTI-CORE

| | | |
|---|---|---|
| MG-TPMF 12 | MG-TPM 13 | CABLE TIE 140 |
| PMF-ET 107 | PM-ET 109 | PM-DT 110 |
| ETF-ROLL 52 | KML 141 | TERMO-ROLL 62 |
| MG-ETF 16 | KM 83 | |
| CABLE TIE 114 | | |
| MG-TAP 23 | | MS-ETF 81 |
| PMT-ET 112 | PMT-DT 113 | CABLE TIE 140 |
| MG-TAPW 26 | | FMS+FMH 80 |
| PMT-ET 112 | PMT-DT 113 | CABLE TIE 140 |

## MODULAR COMPONENTS

| | | |
|---|---|---|
| MG-TAP 23 | MG-TAPW 26 | MG-17.5-R 35 |
| RT-TAP 122 | RT-TAPW 123 | |
| MG-17.5-A 36 | STRIP-ROLL 56 | |
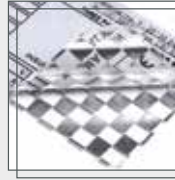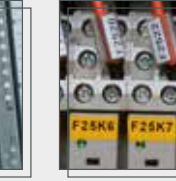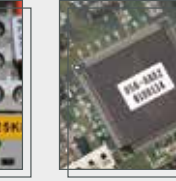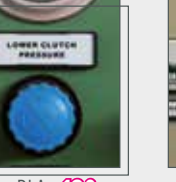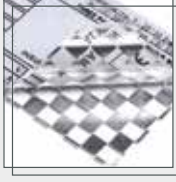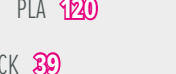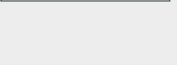
# COMPONENTS & EQUIPMENT

MG-TPMF **12** | TPM-ROLL **51** | MG-TPM **13** | MG-SPM **22** | MG-TAR **27** | MG-TAA **29** | MG-SAT **34**

PMF-AC **106** | PM-AC **101**

MG-PLC **33** | MG-VYT **30** | MG-PYT **31** | MG-DOG **28** | MG-VCT **32**

SIGNS **126** | MG-TAP **23** | MG-TAPW **26**

PMT-AC **111** | RT-TAP **122** | PMT-AC **111** | RT-TAP **122**

# PUSH BUTTONS , SWITCHES & INDICATORS

MG-TAA **29** | MG-PTS **25** | MG-TAP **23** | MG-SIGNS **45** | MG-VYT **30**

PTP **119** | PL **120**

# PLATES, LABELS & SIGNS

MG-TAP **23** | MG-TAPW **26** | MG-VYT **30** | MG-PYT **31** | MG-SAT **34**

RTA-TAP **122** | PLA **120** | RTA-TAPW **123**

MG-SIGNS **45** | GMCK **39** | MG-VRT-R **40** | MG-VRT-A **42** | TTL **57** | TPD **125**

CPT **124**

SIGNS **126**

# GENIUSPRO





www.cembre.com - www.cembre.co.uk - www.cembreinc.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.*

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

## 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 ROLLY2000.*

MARKINGENIUS® and ROLLY2000 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 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®CoreTM i3 or equivalent

4 Gb RAM

USB connection

2 Gb available hard disc space

Video resolution 1280x1024

Windows 7, 8 and 10

## Thermal transfer printer for sheet media

# MG3

*on sheet media, plug&play*

MARKINGENIUS®MG3 has been exclusively designed by Cembre for the identification of conductors and electrical components.

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 with full printable surface coverage.** Carriage loading and unloading operations are rapid; support templates are easily interchanged and as the pigment deposited from the ribbon dries instantaneously, printed sheets are immediately ready to use.

Printer dimensions:

- Length: 382 mm 15.04 in.
- Width: 230 mm 9.05 in.
- Height: 221 mm 8.7 in.
- Weight: 7,4 kg 21.16 lbs.

**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 MG3
MG2-PWC 991000 Support template for tags MG-TPM
MG2-PLT 991002 Support template for serieFLAT media
MG2-QTB 991011 Support template for terminal blocks
Mains cable
USB cable
Protective cover MG2-COV 991680
Ribbon take up core MG2-CRB 991654
Black printer ribbon MG2-ETR 991600
Installation, Operating&Maintenance and User documentation
Software GENIUSPRO on CD

CE

*Supplied with the three most useful support templates*

# ACCESSORIES

## Support 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.)*



RoHS
COMPLIANT
2011/65/EU

| Support template | | Quantity | PET blank | | Quantity | for printing |
|---|---|---|---|---|---|---|
| MG2-PWC | 991000 | 1 | MG2-TWC | 991502 | 3 | MG-TPM |
| MG2-PLT | 991002 | 1 | MG2-TLT | 991522 | 3 | serieFLAT |
| MG2-QTB | 991011 | 1 | MG2-TQT | 991564 | 3 | MG-CPM-01,-02,-03,-04,-07,-11, MG-SPM-03 |
| MG2-PTD | 991007 | 1 | MG2-TTD | 991563 | 3 | MG-TDM (4 x 12 mm) |
| MG2-PTM | 991010 | 1 | MG2-TTM | 991561 | 3 | MG2-TDMO, MG-TDM 4 x 16 mm |
| MG2-MTB | 991008 | 1 | MG2-TMT | 991513 | 3 | MG-CPM-01 (5 x 7mm) |
| MG2-WTB | 991004 | 1 | MG2-TWT | 991542 | 3 | MG-CPM-05,-12,MG-SPM-09 |
| MG2-STB | 991005 | 1 | MG2-TST | 991552 | 3 | MG-CPM-06 |
| MG2-LTB | 991013 | 1 | | | | MG-CPM-09 |
| MG2-CTB | 991006 | 1 | MG2-TCT | 991562 | 3 | MG-CPM-10 |
| MG2-ETB | 991016 | 1 | | | | MG-CPM-13 |
| MG2-PSB | 991554 | 1 | | | | MG-CPM-15 |
| MG2-PSP | 991018 | 1 | MG2-TSP | 991514 | 3 | MG-SPM-02 |

| Accessories | | Quantity | Description |
|---|---|---|---|
| MG2-CKP | 991670 | 1 | Print head cleaning kit (template, pad & cleaning fluid) |
| MG2-CNP | 992150 | 1 | Replacement pads for MG2-CKP (5 pieces) |
| MG2-CHS | 991671 | 1 | Replacement spray 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 |



*support templates and blanks for MG3 printer*
*accessories for optimum printer condition*

| SUPPLIED | PURCHASE SEPARATELY |
|---|---|
| | |

## 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 200m, width 120mm.

MG2-EPTR PREMIUM black ribbon has enhanced performance characteristics, details available on request. A smaller diameter rear tension roller is required for MG2 and MG3 and will be supplied to MG-EPTR users on request. **Use this ribbon to print -HF items.**

# RIBBONS

| Code | black | blue | red | green | silver | white | Width mm | Length m | Quantity |
|---|---|---|---|---|---|---|---|---|---|
| MG2-ETR | 991600 | 991601 | 991602 | 991603 | 991607 | 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:

**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

**Test interno Cembre**: Indelibility

**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 154

THERMAL TRANSFER

# MG-TPMF

## Cable tags for holders

*serie* **FLAT**

*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.

**EASY ENTRY**

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

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

**0.5 mm PVC · SF · -30°C · +60°C · UL94 V0 · RoHS COMPLIANT 2011/65/EU**

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

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

| Size mm | white | yellow | metallic grey | Tags per sheet | Quantity | SW code |
|---------|-------|--------|---------------|----------------|----------|---------|
| 4 x 10 | 42090B-HF | 42040B-HF | 42000B-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 | | 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 |

*i* *Use the MG2-EPTR PREMIUM ribbon to print -HF items*

## 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: UL94

**Operating temperature range:**  -30°C (-22°F) to +80°C (+176°F)

# MG-TPM

**THERMAL TRANSFER**

| ABS | SF | −30°C | +80°C | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| Size mm | white | yellow | Tags per sheet | Quantity | SW code |
|---------|-------|--------|----------------|----------|---------|
| 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 |

# 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.

Each sheet of media takes around 10 seconds to print.

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

| 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 | | white | yellow | N° Stems | Tags per sheet | Quantity | Template | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,6 ÷ 3,25 | 0,5 ÷ 1,5 | 4 x 12 | MG-TDM-01 | **40190** | **40140** | 6 | 66 | *1.320* | MG2-PTD | 121 |
| 1,6 ÷ 3,25 | 0,5 ÷ 1,5 | | MG-TDM-01 | **40192** | **40142** | 4 | 40 | *800* | MG2-PTM | 119 |
| 1,6 ÷ 3,25 | 0,5 ÷ 1,5 | 4 x 16 | MG-TDM-01 | **40191** | **40141** | 4 | 40 | *800* | MG2-PTM | 123 |
| 2 ÷ 44 | 1 ÷ 6 | 4 x 12 | MG-TDM-02 | **40290** | **40240** | 6 | 66 | *1.056* | MG2-PTD | 122 |
| 2 ÷ 44 | 1 ÷ 6 | | MG-TDM-02 | **40292** | **40242** | 4 | 40 | *640* | MG2-PTM | 120 |
| 2 ÷ 44 | 1 ÷ 6 | 4 x 16 | MG-TDM-02 | **40291** | **40241** | 4 | 40 | *640* | MG2-PTM | 124 |

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

### PURCHASE SEPARATELY

## Cable tags without holder

# MG2-TDM0

*one piece, clip on*

MG2-TDM0 one piece tags require no transparent holders and are mounted on cables via the two range-taking apertures.

Each sheet of media has 40 tags and takes around 10 seconds to print.

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

**Operating temperature range:**  -40°C (-40°F) to +130°C (+266°F)

| 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 | | white | yellow | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| 2 ÷ 2,9 | 0,5 ÷ 1,5 | 4 x 12 | MG2-TDM0-01 | **40390** | **40340** | 40 | *880* | 125 |
| 2 ÷ 2,9 | 0,5 ÷ 1,5 | 4 x 16 | MG2-TDM0-01 | **40391** | **40341** | 40 | *880* | 128 |
| 2,9 ÷ 3,5 | 1,5 ÷ 2,5 | 4 x 12 | MG2-TDM0-02 | **40490** | **40440** | 40 | *640* | 126 |
| 2,9 ÷ 3,5 | 1,5 ÷ 2,5 | 4 x 16 | MG2-TDM0-02 | **40491** | **40441** | 40 | *640* | 129 |
| 4 ÷ 4,6 | 4 ÷ 6 | 4 x 12 | MG2-TDM0-03 | **40590** | **40540** | 40 | *560* | 127 |
| 4 ÷ 4,6 | 4 ÷ 6 | 4 x 16 | MG2-TDM0-03 | **40591** | **40541** | 40 | *560* | 130 |

## Support for MG2-TDM0 cable tags

Each TDM0S support allows any size of MG2-TDM0 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.

| Type | Ø Size mm | Length mm | Quantity |
|---|---|---|---|
| TDM0S-16 42850 | 6-8 | 25 | *150* |
| TDM0S-35 42852 | 8-10 | 25 | *100* |
| TDM0S-70 42854 | 10-14 | 25 | *50* |

**Material:** Polyamide PA6.6, self-extinguishing class V2 (UL94).

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

*i*
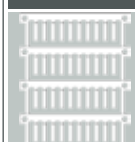
# MG-ETF

## 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.

**Material:** Rigid PVC, self extinguishing class V0 (UL 94)

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

**0.5 mm PVC | SF | −30°C | +60°C** — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | white | yellow | grey | red | blue | green | black | Print area mm | Tags per sheet | Quantity | SW code |
|---------|-------|--------|------|-----|------|-------|-------|---------------|----------------|----------|---------|
| 13 x 57 | 54192 | 54142 | 54182GY | 54122 | 54162 | 54152 | 54102 | 11 x 35 | 14 | 700 | 581 |
| 15 x 95 | 54293 | 54243 | | | | | | 13 x 73 | 5 | 250 | 584 |
| 20 x 27 | 54191N | 54141N | | | | | | 15 x 18 | 15 | 750 | 582 |
| 28 x 57 | 54197 | 54147 | 54187 | | 54167 | 54157 | | 26 x 35 | 6 | 300 | 591 |

**0.5 mm PC | HF | SF | −40°C | +130°C** — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | white | yellow | grey | red | blue | green | orange | light brown | black | Print area mm | Tags per sheet | Quantity | SW code |
|---------|-------|--------|------|-----|------|-------|--------|-------------|-------|---------------|----------------|----------|---------|
| 13 x 57 | 54192-HF | 54142-HF | 54182-HF | 54122-HF | 54162-HF | 54152-HF | 54132-HF | 54172-HF | 54102-HF | 11 x 35 | 14 | 700 | 581 |
| 15 x 95 | 54293-HF | 54243-HF | | | | | | | | 13 x 73 | 5 | 250 | 584 |
| 28 x 57 | 54197-HF | 54147-HF | | 54127-HF | 54167-HF | | 54137-HF | | | 26 x 35 | 6 | 300 | 590 |

**0.3 mm PVC | SF | −30°C | +60°C** — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | white | yellow | Print area mm | Tags per sheet | Quantity | SW code |
|---------|-------|--------|---------------|----------------|----------|---------|
| 20 x 26 | 54291 | 54241 | 8 x 22 | 15 | 750 | 583 |

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

*Directly on cables using appropriate cable ties*
*Use the MG2-EPTR PREMIUM ribbon to print -HF items.*

## 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:** PVC film.

Resistant to water, oil, grease, alcohol, detergent, alkaline substances and atmospheric agents.

**Operating temperature range:** -30°C (-22°F) to +70°C (+158°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

# MG-KMP

Cembre

THERMAL TRANSFER
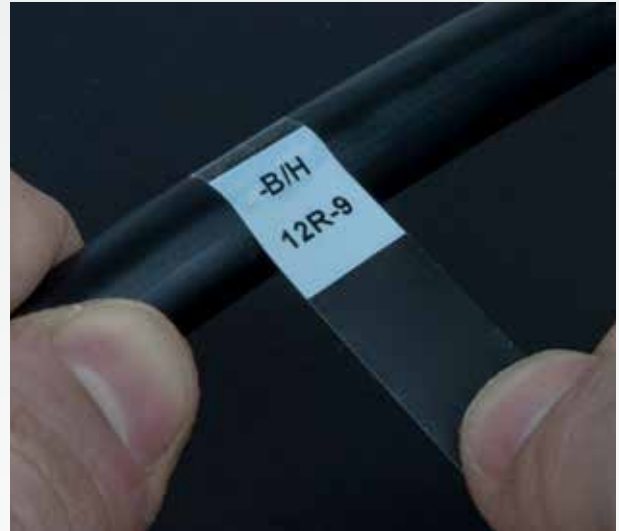
| PVC | SF | –30°C | +70°C | | | | | | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|---|---|---|

| Overall Length A mm | Wrapping diameter mm | Print area CxB mm | | white | yellow | green | Markers per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| 4,3 ÷ 7 | 38 | 10 x 15 | MG-KMP038 | 48950-015 | 48450-015 | | 12 | 600 | 301 |
| | | 10 x 23 | MG-KMP038 | 48950-023 | 48450-023 | | 8 | 400 | 302 |
| 6 ÷ 10 | 50 | 15 x 15 | MG-KMP050 | 48951-015 | 48451-015 | | 12 | 600 | 303 |
| | | 15 x 23 | MG-KMP050 | 48951-023 | 48451-023 | | 8 | 400 | 304 |
| 8 ÷ 14 | 75 | 25 x 15 | MG-KMP075 | 48952-015 | 48452-015 | | 6 | 300 | 305 |
| | | 25 x 23 | MG-KMP075 | 48952-023 | 48452-023 | | 4 | 200 | 306 |
| 12 ÷ 20 | 100 | 25 x 15 | MG-KMP100 | 48953-015 | 48453-015 | | 6 | 300 | 310 |
| | | 25 x 23 | MG-KMP100 | 48953-023 | 48453-023 | | 4 | 200 | 311 |
| 20 ÷ 25 | 135 | 50 x 50 | MG-KMP135 | 48955-050 | | 48555-050 | 2 | 100 | 312 |

**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.

| PRINT | HOLD | POSITION | FIX | WRAP |
|---|---|---|---|---|

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

*i*

A

B

C

# MG-CPM



## TERMINAL BLOCKS



Clip width

Clip pitch
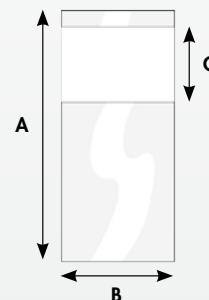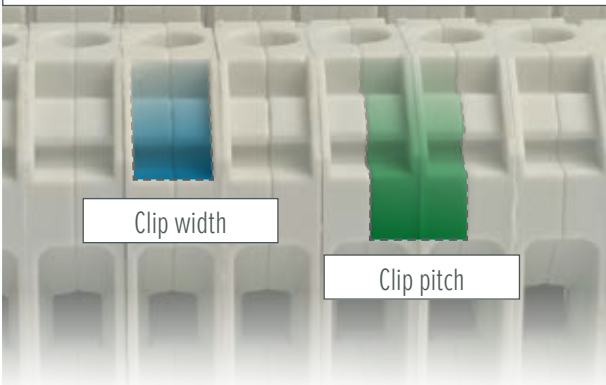
## PRINTABLE SHEET FORMAT



Marker width

Marker pitch



Flexible Marker pitch

Marker width

Marker pitch



Marker width

Marker pitch

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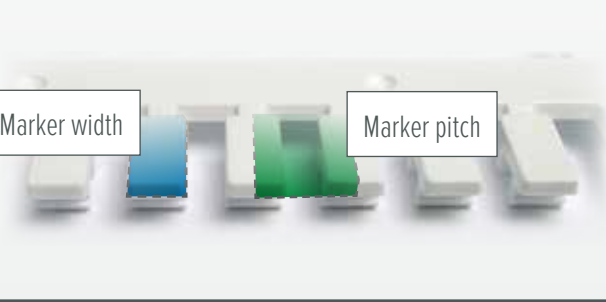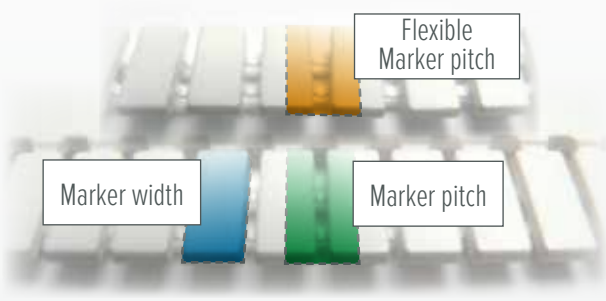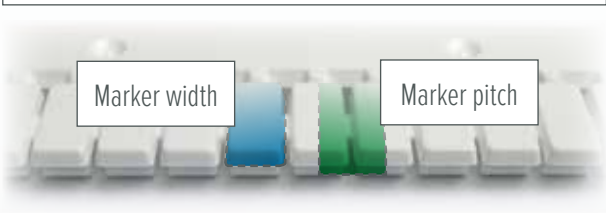
MG-CPM terminal block markers are available in versions to suit the particular clip formats of the most widely used products.

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.

**Material:** Polycarbonate, self extinguishing class V0: UL94

**Operating temperature range:**  -40°C (-40°F) to +130°C (+266°F)

### 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.*

# MG-CPM

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

| Terminal blocks | | Size mm | Pitch mm | Strip form | | white | yellow | Markers per sheet | Quantity | Template | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Weidmüller, IMO, ABB Entrelec, Wago, Allen Bradley, Conta Clip, Klemsan, Morsettitalia, Woertz, Connectwell, Rockwell | | 3 x 10 | 3,5 | S | MG-CPM-01 | 41092 | | 80 | 2.000 | MG2-QTB | 15 |
| | | 5 x 7 | 5,1 | S | MG-CPM-01 | 41094 | 41044 | 56 | 1.960 | MG2-MTB | 13 |
| | | 5 x 10 | 5,1 | S | MG-CPM-01 | 41090N | 41040N | 56 | 1.960 | MG2-QTB | 14 |
| | | 5 x 15 | 5,1 | S | MG-CPM-01 | 41091N | 41041N | 48 | 1.680 | MG2-QTB | 16 |
| | | 6 x 10 | 6 | M | MG-CPM-01 | 41095 | 41045 | 48 | 1.680 | MG2-QTB | 17 |
| | | 8 x 10 | 8 | S | MG-CPM-01 | 41096 | 41046 | 32 | 1.120 | MG2-QTB | 18 |
| Weidmüller WDK & WDU, Allen Bradley, Conta Clip, Klemsan, ABB Entrelec, Wago, Woertz | | 5 x 10 | 5,1 | S | MG-CPM-02 | 41190N | 41140N | 48 | 1.680 | MG2-QTB | 22 |
| Wago, ABB Entrelec, Cabur, Phoenix Contact, Connectwell | | 5 x 10 | 5 | S | MG-CPM-03 | 41291 | | 56 | 1.960 | MG2-QTB | 25 |
| | | 5 x 10 | 5 | M | MG-CPM-03 | 41293 | | 56 | 1.960 | MG2-QTB | 25 |
| Phoenix Contact UK, UT & ST (front mounting), Connectwell, Cabur, Finder, ABB Entrelec, Wago, Schneider Electric, Siemens 8WH (clamp, front mounting) | | 3 x 10 | 3,5 | S | MG-CPM-04 | 41392 | | 80 | 2.000 | MG2-QTB | 43 |
| | | 5 x 10 | 5,2 | S | MG-CPM-04 | 41390N | 41340N | 48 | 1.680 | MG2-QTB | 42 |
| | | 5 x 10 | 5,2 | M | MG-CPM-04 | 41395 | | 48 | 1.680 | MG2-QTB | 31 |
| | | 6 x 10 | 6 | M | MG-CPM-04 | 41391 | | 48 | 1.344 | MG2-QTB | 45 |
| | | 8 x 10 | 8 | M | MG-CPM-04 | 41396 | 41346 | 32 | 1.120 | MG2-QTB | 48 |
| Wieland, Schneider Electric, Legrand clamp, Merlin Gerin MCB ST | | 5 x 10 | 5 | S | MG-CPM-05 | 41490 | | 56 | 1.960 | MG2-WTB | 51 |
| | | 5 x 10 | 5 | M | MG-CPM-05 | 41494 | | 56 | 1.960 | MG2-WTB | 51 |
| Siemens 8WA screw | | 5 x 10 | 6 | S | MG-CPM-06 | 41591 | | 44 | 1.540 | MG2-STB | 61 |
| Phoenix Contact ST, STU, STS, STI, STN, STTB, Siemens 8WH screw, Schlegel, Schneider Electric | | 5 x 10 | 5,2 | S | MG-CPM-07 | 41691 | | 48 | 1.680 | MG2-QTB | 71 |
| Legrand Viking 3 | | 5 x 10 | 5 ÷ 6 | MF | MG-CPM-09 | 41890 | | 56 | 1.960 | MG2-LTB | 92 |
| Cabur, Connectwell | | 5 x 12 | 5,5 | S | MG-CPM-10 | 46192 | | 48 | 1.680 | MG2-CTB | 101 |
| Allen Bradley, Weidmüller WDU, Conta Clip RK, IMO, Finder, Omron, Klemsan | | 6 x 12 | 6,1 | S | MG-CPM-11 | 46392 | 46342 | 48 | 1.344 | MG2-QTB | 106 |
| Wago Top Job, ABB Entrelec, Cabur, Weidmüller, Connectwell, Morsettitalia, Beckoff I/O, Klemsan | | 4,2 x 6 | 5 ÷ 6 | MF | MG-CPM-12 | 46391 | | 56 | 1.960 | MG2-WTB | 111 |
| | | 4,2 x 9 | 5 ÷ 6 | MF | MG-CPM-12 | 46390 | | 56 | 1.960 | MG2-WTB | 112 |
| ABB Entrelec SNK ZS | | 5 x 12 | 5,2 | S | MG-CPM-13 | 41790 | 41740 | 56 | 1.960 | MG2-ETB | 113 |
| | | 6 x 12 | 6 | S | MG-CPM-13 | 41791 | 41741 | 48 | 1.680 | MG2-ETB | 114 |
| Weidmüller, Wago Top Job, Klemsan, Conta Clip | | 5 x 5 | 5,1 | M | MG-CPM-15 | 42908 | | 48 | 1.680 | MG2-PSB | 402 |

Directly on terminal blocks using the rear mounted clips.

| SUPPLIED | PURCHASE SEPARATELY |
|---|---|

SINGLE CLIPS COMPATIBLE

SINGLE CLIPS COMPATIBLE
Marker width < Clip width
Marker pitch ≠ Clip pitch

# MG-CPMF

## Terminal block marker strips

**serie FLAT**

*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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

---

### 0.3 mm PVC | SF | −30°C | +60°C — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Terminal blocks | Size mm | | white | yellow | Strips per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| Wago 264 | 4,6 x 118 | MG-CPMF | 43095 | 43045 | 6 | 300 | 547 |
| ABB Entrelec D | 5,2 x 105 | MG-CPMF | 43094 | 43044 | 20 | 1.000 | 551 |

---

### 0.5 mm PVC | SF | −30°C | +60°C — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Terminal blocks | Size mm | | | white | yellow | Strips per sheet | Quantity | SW code | SW code |
|---|---|---|---|---|---|---|---|---|---|
| Phoenix Contact ST | 6,3 x 105 | | MG-CPMF | | 43092 | 43042 | 15 | 750 | 553 |
| ABB Entrelec M6/9EE front mounting | 7,6 x 105 | | MG-CPMF | | 43091 | 43041 | 12 | 600 | 552 |
| Phoenix Contact PIT | 9,8 x 105 | | MG-CPMF | | 43097N | 43047N | 11 | 550 | 549 |
| ABB Entrelec M6/9EE lateral mounting | 10 x 105 | | MG-CPMF | | 43090 | 43040 | 10 | 500 | 530 |
| Wago Top Job 2001, 2002, 2004, 2006, 2010, 2016 | 10,5 x 105 | | MG-CPMF | | 43093 | 43043 | 10 | 500 | 554 |
| ABB Entrelec SNK | 12 x 105 | ✔ | MG-CPMFA | | 43196N | 43146N | 8 | 400 | 932 |

---

### 0.5 mm PC | HF | SF | −40°C | +130°C — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Terminal blocks | Size mm | | white | yellow | Strips per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| ABB Entrelec M6/9EE marcatura frontale | 7,6 x 105 | MG-CPMF-HF | 43091-HF | | 12 | 600 | 552 |
| Wago Top Job 2001, 2002, 2004, 2006, 2010, 2016 | 10,5 x 105 | MG-CPMF-HF | 43093-HF | | 10 | 500 | 554 |

*Directly on terminal blocks*
*Use the MG2-EPTR PREMIUM ribbon to print -HF items.*

## 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

**Operating temperature range:** -30°C (-22°F) to +70°C (+158°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

# MG-VYB

| 0.1 mm PVC | SF | −30°C | +70°C | | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| Terminal blocks | Size mm | | white | yellow | Strips per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| 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 |

*i*

# 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 -HF:** Polycarbonate, Halogen Free, self extinguishing class V0: UL94

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **0.5 mm PC** | **HF** | **SF** | **−40°C** | **+130°C** | | | **UL94 V0** | **RoHS COMPLIANT 2011/65/EU** |

| Components | Size mm | | | white | Tags per sheet | Quantity | Template | SW code |
|---|---|---|---|---|---|---|---|---|
| Siemens Sirius, ABB AF | 7 x 20 | | MG-SPM-02 | **43291** | 12 | *360* | MG2-PSP | 142 |
| Siemens, Klockner Moeller | 9 x 19 | | MG-SPM-03 | **32291** | 12 | *360* | MG2-QTB | 143 |
| Murrelektronik, Balluff | 8 x 20 | | MG-SPM-09 | **32895** | 12 | *360* | MG2-WTB | 144 |







*directly on components with suitable clip in locations*
*Use the MG2-EPTR PREMIUM ribbon to print -HF items.*

| SUPPLIED | PURCHASE SEPARATELY |
|---|---|

## 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

# MG-TAP

THERMAL TRANSFER

**0.5 mm PVC** | **SF** | **-30°C** | **+60°C** | **UL94 V0** | **RoHS COMPLIANT 2011/65/EU**

| Size mm | white | HF white | yellow | grey | HF metallic grey | red | blue | green | Siemens green | black | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 x 17 | 47090N | | 47040N | 47000NGY | 47000N-HF | 47020N | 47060N | 47050N | | 47010N | 42 | 1.050 | 165 |
| 15 x 27 | 47091N | 47091N-HF | 47041N | 47001NGY | 47001N-HF | 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 | 47002N-HF | 47022N | 47062N | 47052N | | 47012N | 14 | 700 | 167 |
| 15 x 67 | 47093N | | 47043N | 47003NGY | 47003N-HF | 47023N | 47063N | 47053N | | 47013N | 7 | 350 | 168 |
| Siemens 3SB3925-0AB | | | | | | | | | | | | | |
| 17,5 x 27,8 | 47094 | | | 47004GY | 47004-HF | | | | | 47014 | 24 | 1.200 | 175 |
| Schneider Electric ZBZ-32 | | | | | | | | | | | | | |
| 8,2 x 27 | 47096 | | 47046 | 47006GY | 47006-HF | 47026 | | | | 47016 | 44 | 2.200 | 807 |
| Schneider Electric ZBZ-33, ZBZ-35, Moeller | | | | | | | | | | | | | |
| 18 x 27 | 47097 | | 47047 | 47007GY | 47007-HF | 47027 | | | | 47017 | 20 | 1.000 | 178 |
| Allen Bradley | | | | | | | | | | | | | |
| 6,4 x 27,3 | 47790 | | | 47700GY | 47700-HF | | | | | | 56 | 1.400 | 715 |
| 16,3 x 27,3 | 47791 | | | 47701GY | 47701-HF | | | | | | 24 | 1.200 | 716 |
| Siemens 3SU1900-0AS10-0AA0 | | | | | | | | | | | | | |
| 17,5 x 27 | 47794 | | | 47704GY | 47704-HF | | | | | | 12 | 300 | 725 |
| ABB KA1-8120 | | | | | | | | | | | | | |
| 15 x 27,7 | 47795 | | 47745 | 47705GY | | | | | | | 28 | 1.400 | 163 |

# MG-TAP-CCS

## Transparent legends

*15 mm precut, for legend bases*

MG-TAP-CCS transparent legends may be printed or used as protective covers for MG-TAP or TAP legends, PT and PL type legend bases and RT-TAP rail.

**Material -HF:** Rigid Polycarbonate, transparent, self extinguishing class V0: UL94

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

| 0.5 mm PC | HF | SF | – 40°C | + 130°C | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|---|

| Size mm | transparent | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|
| 15 x 17 | **990508N** | 42 | *1.050* | 165 |
| 15 x 27 | **990510N** | 28 | *1.400* | 166 |
| 17,5 x 27,8 | **990499** | 24 | *1.200* | 175 |
| 15 x 49 | **990513N** | 14 | *700* | 167 |
| 15 x 67 | **990514N** | 7 | *350* | 168 |

*i*

*Use the MG2-EPTR PREMIUM ribbon to print -HF items.*

## 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

# MG-PTS

Cembre

THERMAL TRANSFER



| 0.5 mm PVC | SF | −30°C | +60°C | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| Size mm | self-adhesive | | white | yellow | grey | HF metallic grey | red | blue | black | Ø hole mm | Tags per sheet | Quantity | SW code |
|---------|---------------|---|-------|--------|------|------------------|-----|------|-------|-----------|----------------|----------|---------|
| 39 x 30 | | MG-PTS | 15092 | 15042 | 15082GY | 15082-HF | 15022 | | 15002 | 22,5 | 6 | 300 | 1002 |
| 40 x 30 | | MG-PTS | 15090 | 15040 | 15080GY | 15080-HF | 15020 | | 15000 | 22,5 | 6 | 300 | 1000 |
| 50 x 30 | | MG-PTS | 15091 | 15041 | 15081GY | 15081-HF | 15021 | | 15001 | 22,5 | 6 | 300 | 1001 |
| 62 x 60 | | MG2-PTS | 15094 | 15044 | 15084GY | 15084-HF | 15024 | 15064 | 15004 | 31 | 4 | 200 | 1003 |
| 39 x 30 | ✓ | MG-PTSA | 15192 | 15142 | 15182GY | 15182-HF | 15122 | | 15102 | 22,5 | 6 | 150 | 1002 |
| 40 x 30 | ✓ | MG-PTSA | 15190 | 15140 | 15180GY | 15180-HF | 15120 | | 15100 | 22,5 | 6 | 150 | 1000 |
| 50 x 30 | ✓ | MG-PTSA | 15191 | 15141 | 15181GY | 15181-HF | 15121 | | 15101 | 22,5 | 6 | 150 | 1001 |
| 60 x 40 | ✓ | MG2-PTSA | 15197 | | 15187GY | | | | | 31 | 4 | 100 | 1005 |
| 62 x 60 | ✓ | MG2-PTSA | 15198 | | | | | | 15108 | 22,5 | 4 | 100 | 1004 |
| 62 x 60 | ✓ | MG2-PTSA | 15194 | 15144 | 15184GY | 15184-HF | 15124 | 15164 | 15104 | 31 | 4 | 100 | 1003 |

*direct application to suitable surfaces.*
*Use the MG2-EPTR PREMIUM ribbon to print -HF items.*

# 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

| 0.5 mm PVC | SF | −30°C | +60°C | | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| Component | Size mm | white | HF white | yellow | blue | green | Tags per sheet | Quantity | SW code |
|-----------|---------|-------|----------|--------|------|-------|----------------|----------|---------|
| | 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 |
| ABB Entrelec PEAD, Wago 249-119 | 9 x 29 | 49096 | | 49046 | 49066 | | 30 | *1.500* | 363 |
| | 9 x 35 | 49091N | 49091N-HF | 49041N | | | 33 | *1.650* | 364 |
| | 9 x 50 | 49094 | 49094-HF | 49044 | | | 20 | *1.000* | 376 |
| | 9 x 70 | 49095N | | 49045N | | 49055N | 11 | *550* | 378 |









*Use the MG2-EPTR PREMIUM ribbon to print -HF items.*

## 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

# MG-TAR

| PVC 0.5 mm | SF | –30°C | +60°C | | | | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| Component | Size mm | white | yellow | grey | red | blue | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| | 6 x 60 | 45090 | | | | | 16 | 800 | 169 |
| 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 |
| Jung | 8 x 55 | 45089 | | | | | 24 | 1.200 | 719 |
| ABB SNK LH | 8,5 x 30 | 45490 | | | | | 33 | 825 | 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 Ex plosion proof 4031/4 | 12 x 57,5 | 45392 | | | | | 16 | 800 | 708 |
| | 14 x 45,5 | 45390 | | | | | 14 | 350 | 718 |
| ABB 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 |
| CZ Ex plosion proof 4031/4 | 17,5 x 36 | 45391 | | | | | 18 | 900 | 709 |

*Directly to suitable clip in or stick on locations*

# MG-DOG

MARKINGENIUS®

## 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)

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)
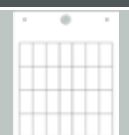
**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

---

**0.5 mm PVC** | **SF** | **– 30°C** | **+ 60°C** | | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | | white | yellow | red | green | Ø hole mm | Cable tie max. mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | 4 | 3,6 | 6 | 300 | 870 |

---

**0.5 mm PC** | **HF** | **SF** | **– 40°C** | **+ 130°C** | | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | | white | yellow | red | green | Ø hole mm | Cable tie max. mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| 19 x 38 | | 40205-HF | | | | 8 | 8 | 8 | 400 | 869 |
| 21 x 39 | | 40206-HF | | | | 12,7 | 8 | 8 | 400 | 873 |
| 25 x 50 | | 48204-HF | | | | 5 | 4,8 | 8 | 400 | 868 |
| 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 |



*i*

*Appropriate attachment.*
*Use the MG2-EPTR PREMIUM ribbon to print -HF items.*

MARKINGENIUS®

# 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 (UL 94)

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

0.5 mm PVC | SF | −30°C | +60°C | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | white | yellow | grey | HF metallic grey | red | blue | green | black | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 x 20 (1) | 49196 | 49146 | 49106GY | 49106-HF | 49126 | 49166 | 49156 | 49116 | 60 | 1.500 | 179 |
| 7 x 44 | 49597 | 49547 | | | 49527 | 49567 | | | 24 | 600 | 796 |
| 8 x 12 | 49296 | 49246 | 49206GY | 49206-HF | 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 | 49400N-HF | 49220N | 49260N | 49250N | 49210N | 88 | 2.200 | 960 |
| 9 x 15 | 49397N | 49347N | 49307NGY | 49307N-HF | 49327N | 49367N | 49357N | 49317N | 77 | 1.925 | 961 |
| 9 x 20 (1) | 49190N | 49140N | 49100NGY | 49100N-HF | 49120N | 49160N | 49150N | 49110N | 55 | 1.375 | 962 |
| 9 x 35 | 49191N | 49141N | 49101NGY | 49101N-HF | 49121N | 49161N | 49151N | 49111N | 33 | 825 | 964 |
| 9 x 50 | 49197 | 49147 | 49107GY | 49107-HF | 49127 | 49167 | 49157 | 49117 | 20 | 500 | 976 |
| 10 x 105 | 49199 | 49149 | | | | | | | 10 | 250 | 530 |
| 15 x 17 | 49192N | 49142N | 49102NGY | 49102N-HF | 49122N | 49162N | 49152N | 49112N | 42 | 1.050 | 965 |
| 15 x 27 | 49193N | 49143N | 49103NGY | 49103N-HF | 49123N | 49163N | 49153N | 49113N | 28 | 700 | 966 |
| 15 x 44 | 49298 | 49248 | 49208GY | 49208-HF | 49228 | 49268 | 49258 | 49218 | 12 | 300 | 854 |
| 15 x 49 | 49194N | 49144N | 49304NGY | 49304N-HF | 49124N | 49164N | 49154N | 49104N | 14 | 350 | 967 |
| 15 x 67 | 49195N | 49145N | 49405NGY | 49405N-HF | 49125N | 49165N | 49155N | 49115N | 7 | 175 | 968 |
| 17 x 32 | 49291 | 49241 | | | | | | | 18 | 450 | 710 |
| 17 x 35 (4) | 49198 | 49148 | 49408GY | 49408-HF | 49128 | 49168 | 49158 | 49118 | 18 | 450 | 711 |
| 17 x 44 | 49393 | 49343 | 49303GY | 49303-HF | 49323 | 49363 | 49353 | 49313 | 12 | 300 | 717 |
| 17,5 x 27,8 | | | 49404GY | 49404-HF | | | | | 24 | 600 | 175 |
| 20 x 40 | 49292 | 49242 | 49202GY | 49202-HF | 49222 | 49262 | 49252 | 49212 | 10 | 250 | 803 |
| 20 x 48 | 49293 | 49243 | 49203GY | 49203-HF | 49223 | 49263 | 49253 | 49213 | 10 | 250 | 850 |
| 20 x 72 | 49294 | 49244 | 49504GY | 49504-HF | 49224 | 49264 | 49254 | 49204 | 5 | 125 | 851 |
| 20 x 96 | 49295 | 49245 | 49205GY | 49205-HF | 49225 | 49265 | 49255 | 49215 | 5 | 125 | 852 |
| 25 x 32 | 49595 | | | | | | | | 12 | 300 | 847 |
| 25 x 35 | 49596 | | | | | | | | 12 | 300 | 848 |
| Schneider Electric ZBZ-33, Schneider Electric ZBZ-35 | | | | | | | | | | | |
| 18 x 27 | 49396 | 49346 | 49306GY | 49306-HF | | | | 49316 | 20 | 500 | 178 |
| Siemens 3SB3923-0AV, Siemens 3SB3943-0AX | | | | | | | | | | | |
| 12 x 26 | 49399N | | 49309NGY | 49309N-HF | | | | 49319N | 28 | 700 | 862 |
| 21 x 21 | 49398N | 49348N | 49308NGY | 49308N-HF | | | | 49318N | 25 | 625 | 866 |
| 26 x 26 | 49390N | | 49300NGY | | | 49360N | | 49310N | 9 | 225 | 863 |
| Siemens 3SU1900-0AH10-0AA, Siemens 3SU1900-0AP10-0AA0 | | | | | | | | | | | |
| 17,5 x 27 | 49598 | | 49508GY | 49508-HF | | | | | 12 | 300 | 969 |

*Directly on suitable surfaces.*
*Use the MG2-EPTR PREMIUM ribbon to print -HF items.*

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

# 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 olours.

**Material:** PVC film

**Operating temperature range:** -30°C (-22°F) to +70°C (+158°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

| 0.1 mm PVC | SF | −30°C | +70°C | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|

| Component | Size mm | | white | yellow | metallic grey | red | blue | green | light green | violet | black | transparent | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Allen Bradley | 5 x 12 | MG-VYT | 46927 | 46427 | 46827 | | | | | | | | 120 | 6.000 | 195 |
| | 6 x 15 | MG-VYT | 46915 | 46415 | 46815 | 46215 | 46615 | 46515 | 46515LG | 46715 | 46115 | | 105 | 5.250 | 181 |
| | 7 x 10 | MG-VYT | 44891 | 44841 | 46891 | | | | | | | | 120 | 6.000 | 191 |
| | 7 x 15 | MG-VYT | 46928 | 46428 | 46828 | | | | | | | | 60 | 3.000 | 182 |
| Siemens | 7 x 20 | MG-VYT | 46935 | 46435 | | | | | | | | | 60 | 3.000 | 190 |
| | 8 x 12 | MG-VYT | 46918 | 46418 | 46818 | | | | | | | | 96 | 4.800 | 192 |
| Schneider Electric | 8 x 17 | MG-VYT | 46923 | 46423 | 46823 | | | | | | | | 72 | 3.600 | 194 |
| | 8 x 21 | MG-VYT | 46924 | 46424 | 46824 | | | | | | | | 60 | 3.000 | 196 |
| | 9 x 12 | MG-VYT | 46914 | 46414 | 46814 | | | | | | | | 80 | 4.000 | 160 |
| | 9 x 15 | MG-VYT | 44895 | 44845 | 46895 | | | | | | | | 70 | 3.500 | 161 |
| Siemens | 9 x 20 | MG-VYT | 44896N | 44846N | 46896N | 46296N | 46696N | 46596N | 46596NLG | 46796N | 46196N | | 55 | 2.750 | 162 |
| | 9 x 35 | MG-VYT | 46910N | 46410N | 46810N | | | | | | | | 33 | 1.650 | 164 |
| | 15 x 15 | MG-VYT | 46934 | 46434 | 46834 | | | | | | | | 49 | 2.450 | 183 |
| | 15 x 17 | MG-VYT | 46932N | 46432N | 46832N | | | | | | | | 42 | 2.100 | 185 |
| | 15 x 27 | MG-VYT | 46921N | 46421N | 46821N | | | | | | | | 28 | 1.400 | 186 |
| | 15 x 49 | MG-VYT | 46933N | 46433N | 46833N | | | | | | | | 14 | 700 | 187 |
| | 25 x 25 | MG-VYT | 46931 | 46431 | 46831 | | | | | | | | 16 | 800 | 611 |
| | 25 x 50 | MG-VYT | 46925 | 46425 | 46825 | | | | | | | | 8 | 400 | 612 |
| | 25 x 80 | MG-VYT | 46926 | 46426 | 46826 | | | | | | | | 4 | 200 | 613 |
| | 25 x 100 | MG-VYT | 46938 | 46438 | | | | | | | | | 4 | 200 | 614 |
| | 32 x 58 | MG-VYT | 46939 | 46439 | 46839 | 46239 | 46639 | 46539 | 46539LG | 46739 | 46139 | | 3 | 150 | 621 |
| | 42 x 78 | MG-VYT | 46922 | 46422 | 46822 | | | | | | | | 2 | 100 | 622 |
| | 50 x 50 | MG-VYT | 46929 | 46429 | 46829 | | | | | | | | 4 | 200 | 623 |
| | 52 x 107 | MG-VYT | 46911 | 46411 | 46811 | 46211 | 46611 | 46511 | 46511LG | 46711 | 46111 | 46011 | 2 | 100 | 624 |
| | 62 x 88 | MG-VYT | 46941 | 46441 | 46841 | | | | | | | | 1 | 50 | 625 |
| | 105 x 110 | MG-VYT | 46913 | 46413 | 46813 | 46213 | | | | | | | 1 | 50 | 627 |
| | 110 x 140 | MG2-VYT | 46942 | 46442 | 46842 | | | | | | | | 1 | 50 | 273 |

*Directly on suitable surfaces*

## 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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

# MG-PYT
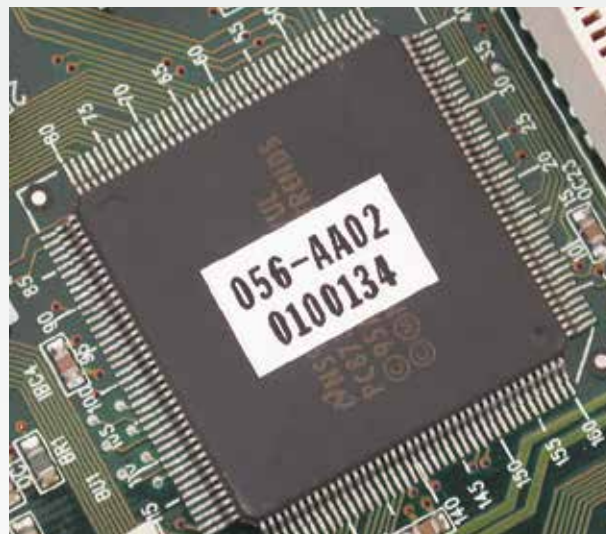
| 0.1 mm PL | SF | – 40°C | + 130°C | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|---|---|---|

| Component | Size mm | white | metallic grey | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|
| | 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*

# 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:** PVC coated fabric

**Operating temperature range:**  -40°C (-40°F) to +150°C (+302°F)

**Application temperature range:**  +10°C (+50°F) to +40°C (+104°F)

| coated PVC | SF | −40°C | +150°C | | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|

| Size mm | white | yellow | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|
| 7 x 10 | 48091 | 48041 | 120 | 6.000 | 191 |
| 6 x 15 | 48090 | 48040 | 105 | 5.250 | 181 |
| 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.*

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

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

# MG-PLC



| Component | Size mm | white | yellow | Siemens green | grey | HF metallic grey | Thickness mm | Legends per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| PLC Siemens SIMATIC S7-300 | 17,5 x 103,5 | 71090 | 71040 | 71050 | 71000GY | 71000-HF | 0,5 | 6 | 300 | 882 |
| | 22,75 x 103,5 | 71091 | 71041 | 71051 | 71001GY | 71001-HF | 0,5 | 4 | 200 | 883 |
| I/O Siemens SIMATIC ET 200S | 12,7 x 50 | 71092 | 71042 | 71052 | 71002GY | | 0,3 | 14 | 700 | 885 |
| PLC Siemens SIMATIC S7 Profisafe 6ES7 | 25,6 x 50 | 71094 | 71044 | | | | 0,3 | 8 | 400 | 895 |
| PLC Siemens SIMATIC S7-1500 KOMPAKT | 12,7 x 109 | 71099 | 71049 | 71059 | 71009GY | | 0,3 | 8 | 400 | 897 |
| PLC Siemens SIMATIC S7-1500 | 22,75 x 109 | 71096 | 71046 | 71056 | | | 0,5 | 4 | 200 | 896 |
| PLC Siemens SIMATIC ET 200SP | 12,7 x 31 | 71098 | 71048 | 71058 | 71008GY | | 0,3 | 21 | 1.050 | 900 |
| PLC Siemens SIMATIC | 52 x 80 | | | 71053 | | | 0,3 | 2 | 100 | 889 |
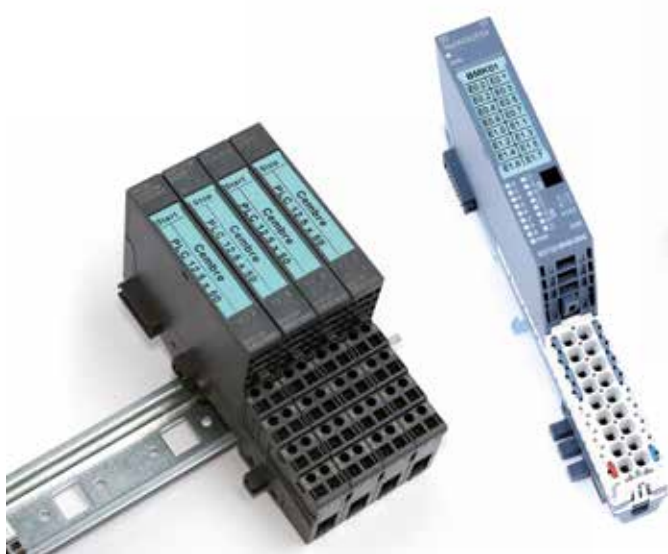
*Direct application to PLCs.*

# 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.

**Material:** matt Polyester film

**Operating temperature range:** -40°C (-40°F) to +140°C (+284°F)

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

**Material:** matt Polyester film

**Operating temperature range:** -40°C (-40°F) to +140°C (+284°F)

| 0.3 mm PL | SF | - 40°C | + 140°C | | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|

| Size mm | | | white | metallic grey | Labels per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|
| 24 x 38 | VOID | MG-SAT-V | 29001 | | 6 | 300 | 270 |
| 37 x 74 | | MG-SAT-V | 29002 | | 2 | 100 | 271 |
| 52 x 105 | | MG-SAT-V | 29003 | | 2 | 100 | 272 |
| 9 x 15 | CHECKER-BOARD | MG-SAT-C | | 29806 | 70 | 3.500 | 161 |
| 15 x 49 | | MG-SAT-C | | 29807 | 14 | 700 | 187 |
| 24 x 38 | | MG-SAT-C | | 29801 | 6 | 300 | 270 |
| 37 x 74 | | MG-SAT-C | | 29802 | 2 | 100 | 271 |
| 52 x 105 | | MG-SAT-C | | 29803 | 2 | 100 | 272 |
| 110 x 140 | | MG2-SAT-C | | 29804 | 1 | 50 | 273 |

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

**Material:** film PE-HD

**Operating temperature range:** -30°C (-58°F) to +80°C (+230°F)

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

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

| ULTRADESTRUCTIBLE | VOID | CHECKER BOARD |
|---|---|---|

*i* Directly on suitable surfaces.

## 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

# MG-17.5-R

Cembre

THERMAL TRANSFER
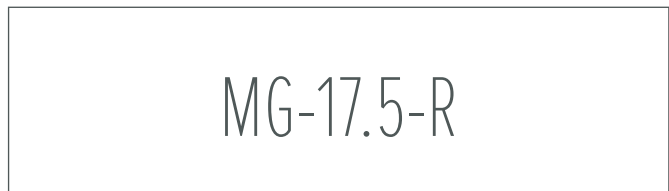
| 0.5 mm PVC | SF | − 30°C | + 60°C | | | | | | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| Component | N° of modules | Size mm | | white | yellow | grey | HF metallic grey | red | blue | green | black | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bticino | 6 | 12 x 105 | MG-17.5-R | 990788N | | | | 990863N | | | | 8 | 400 | 332 |
| Merlin Gerin | 1 | 15 x 17,5 | MG-17.5-R | 990768N | 990769N | 990785NGY | | 990863N | | | 990862N | 42 | 1.050 | 321 |
| | 2 | 15 x 35 | MG-17.5-R | 990766N | 990767N | 990784NGY | | 990865N | | | 990864N | 21 | 1.050 | 322 |
| | 3 | 15 x 52,5 | MG-17.5-R | 990764N | 990765N | 990783NGY | | 990908N | | | 990907N | 14 | 700 | 323 |
| | 4 | 15 x 70 | MG-17.5-R | 990762 | 990763 | 990782GY | | 990912 | | | 990911 | 6 | 300 | 324 |
| | 5 | 15 x 87,5 | MG-17.5-R | 990755 | 990761 | 990781GY | | | | | | 6 | 300 | 325 |
| | 6 | 15 x 107,5 | MG-17.5-R | 990798N | 990799N | 990809NGY | 990809N-HF | 990846 | 990847 | | | 7 | 350 | 329 |
| | 8 | 15 x 140 | MG2-17.5-R | 990883 | 990884 | | | | | | | 7 | 350 | 331 |
| | 1 | 25 x 18 | MG-17.5-R | 990889 | 990895 | | | 990900 | | | 990914 | 24 | 1.200 | 335 |
| Merlin Gerin | 1½ | 25 x 27 | MG-17.5-R | 990891 | 990892 | | | 990897 | | | 990915 | 16 | 800 | 334 |
| Merlin Gerin | 2 | 25 x 36 | MG-17.5-R | 990888 | 990894 | | | 990899 | | | 990916 | 12 | 600 | 336 |
| Merlin Gerin | 3 | 25 x 50 | MG-17.5-R | 990887 | 990893 | | | 990898 | | | 990917 | 8 | 400 | 337 |
| Merlin Gerin | 4 | 25 x 70 | MG-17.5-R | 990890 | 990896 | | | 990901 | | | 990918 | 4 | 200 | 338 |
| | 1 | 37,5 x 17,5 | MG-17.5-R | 990950 | 990951 | | | 990952 | | | 990953 | 18 | 900 | 345 |

*Use the modular legend for Merlin Gerin directly on the components or with self adhesive modular backing strips*

# MG-17.5-A

## 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

| 0.5 mm PVC | SF | –30°C | +60°C | | | | | | | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Component | N° of modules | self-adhesive | | Size mm | white | yellow | grey | HF metallic grey | red | blue | green | black | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 15 x 35 | ✓ | MG-17.5-A | 990753N | 990820N | 990822NGY | 990822N-HF | 990923N | 990963N | 990954N | 990913N | 21 | 525 | 922 |
| | 6 | 15 x 107,5 | ✓ | MG-17.5-A | 990824 | 990826 | 990827NGY | 990827N-HF | 990929 | 990926 | 990925 | 990833N | 7 | 175 | 929 |
| | 8 | 15 x 140 | ✓ | MG2-17.5-A | 990880 | 990881 | | | | | | | 7 | 175 | 931 |
| | 6 | 20 x 107,5 | ✓ | MG-17.5-A | 990972 | | | | | | | | 5 | 125 | 946 |
| Merlin Gerin | 1 | 25 x 18 | ✓ | MG-17.5-A | 990869 | 990878 | | | 990905 | | | 990919 | 24 | 600 | 935 |
| Merlin Gerin | 1½ | 25 x 27 | ✓ | MG-17.5-A | 990871 | 990872 | | | 990902 | | | 990920 | 16 | 400 | 934 |
| Merlin Gerin | 2 | 25 x 36 | ✓ | MG-17.5-A | 990868 | 990877 | | | 990904 | 990970 | | 990921 | 12 | 300 | 936 |
| Merlin Gerin | 3 | 25 x 50 | ✓ | MG-17.5-A | 990867 | 990873 | | | 990903 | | | 990922 | 8 | 200 | 937 |
| Merlin Gerin | 4 | 25 x 70 | ✓ | MG-17.5-A | 990870 | 990879 | | | 990906 | | | 990924 | 4 | 100 | 938 |

*i* *Merlin Gerin modular tags can be used directly on rails or vinyl adhesive base strips.*

*Directly on the panel.*

## 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



### MG-17.5-VY

**Material:** PVC film

**Operating temperature range:** -30°C (-22°F) to +70°C (+158°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

| 0.1 mm PVC | SF | – 30°C | + 70°C | | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|---|---|---|---|

| N° of modules | self-adhesive | Size mm | | white | yellow | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| 6 | ✓ | 15 x 107,5 | MG-17.5-VY | **990746N** | **990747N** | 7 | *350* | 570 |

### MG-17.5-PY

Metallic grey labels are used indoor.

**Material:** Polyester film

**Operating temperature range:** da  -40°C (-40°F) to +130°C (+266°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

| 0.1 mm PL | SF | – 40°C | + 130°C | | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|---|---|---|---|

| N° of modules | self-adhesive | Size mm | | white | metallic grey | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| 6 | | 15 x 107,5 | ✓ | MG-17.5-PY | **990777N** | **990779N** | 7 | *350* | 570 |

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

*i*

**THERMAL TRANSFER**

Ⓒ Cembre

# MG-17.5-SB

## 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.
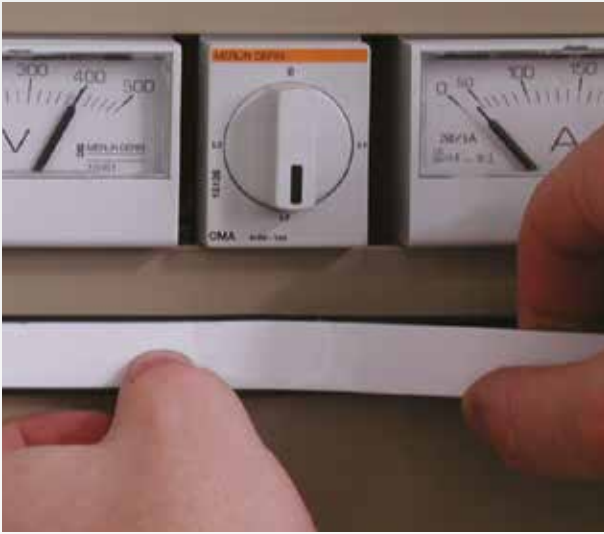
**Material:** PVC film

**Operating temperature range:** -30°C (-22°F) to +70°C (+158°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

*Self adhesive legends MG-17.5*

STRIP

ELECTRIC PANEL

STRIP
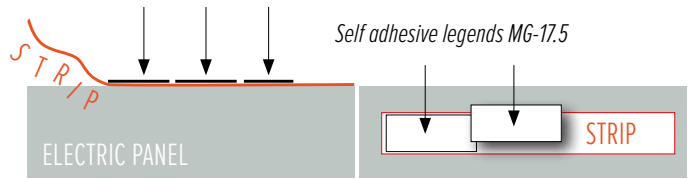
| 0.1 mm PVC | SF | −30°C | +70°C | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| self adhesive | Size mm | | white | yellow | Thickness mm | Quantity |
|---|---|---|---|---|---|---|
| ✓ | 15 x 430 | MG-17.5-SB | **990752** | **990756** | 0,1 | *10* |
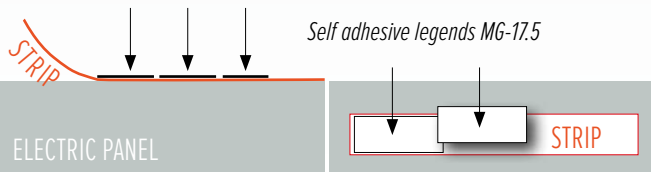
*Self adhesive legends MG-17.5*

STRIP

ELECTRIC PANEL

STRIP

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

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

| 0.7 mm PVC | SF | −30°C | +60°C | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| self adhesive | Size mm | | white | yellow | Thickness mm | Quantity |
|---|---|---|---|---|---|---|
| ✓ | 15 x 430 | MG-17.5-SB | **990759** | **990760** | 0,7 | *10* |

*Self adhesive labels MG-17.5*

*Self adhesive rail RTA-TAP*

ELECTRIC PANEL

STRIP

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

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

| 0.5 mm PVC | SF | −30°C | +60°C | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| Size mm | | white | yellow | Thickness mm | Quantity |
|---|---|---|---|---|---|
| 15 x 430 | MG-17.5-SB | **990757** | **990758** | 0,5 | *10* |

*i*

*Directly on the panel.*

## Customisable panel plates

GMCK

Print legend & rating plates 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 143
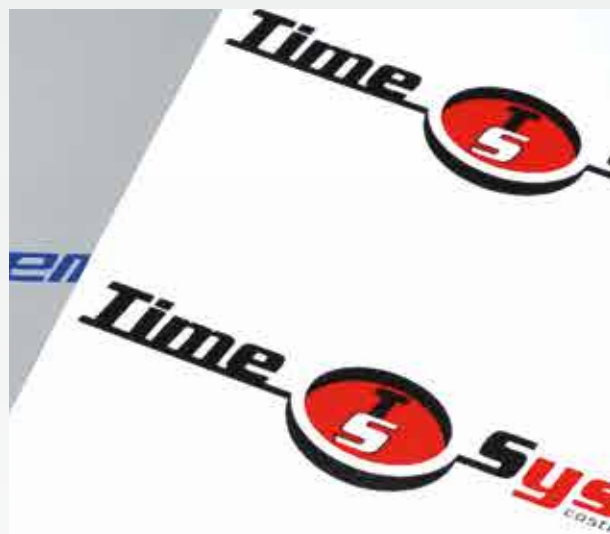
Relevant performance standards:

**UNI EN ISO 4892-2** (resistance to UV)
**CEI 16-7** (indelibility of print)
**CEI 23-11 / CEI EN 61058-1** (indelibility of print)
**CEI EN 61010-1 / VDE 0411-1** (indelibility of print)
**CEI EN 61439-1: 2010-01** (indelibility of print)

*Directly on suitable surfaces.*

# 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: UL94

**Operating temperature range:**  -30°C (-22°F) to  +60°C (+140°F)

**Application temperature range:**  +10°C (+50°F) to +40°C (+104°F)

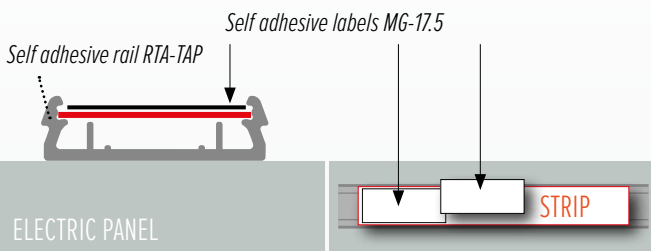**Material -HF:** Polycarbonate, Halogen Free, self extinguishing class V0: UL94

**Operating temperature range:**  -40°C (-40°F) to +130°C (+266°F)

0.5 mm PVC | SF | −30°C | +60°C | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | | white | yellow | grey | HF metallic grey | red | green | black | Size of cover mm | Tags per sheet | Quantity | SW code |
|---------|---|-------|--------|------|------------------|-----|-------|-------|------------------|----------------|----------|---------|
| 32 x 58 | MG-VRT-R | 48900N | 48400N | 48700NGY | 48700N-HF | | | | 37 x 79 | 6 | 300 | 200 |
| 42 x 78 | MG-VRT-R | 48901 | 48401 | 48701GY | 48701-HF | | | | 47 x 98 | 2 | 100 | 202 |
| 52 x 107 | MG-VRT-R | 48903 | 48403 | 48703GY | 48703-HF | 48223 | | 48103 | 57 x 127 | 2 | 100 | 204 |
| 62 x 88 | MG-VRT-R | 48902 | 48402 | 48702GY | 48702-HF | | | | 67 x 109 | 1 | 50 | 203 |
| 92 x 118 | MG-VRT-R | 48913 | 48413 | 48713GY | 48713-HF | 48213 | 48513 | 48113 | 97 x 140 | 1 | 50 | 813 |
| 35 x 100 | MG-VRT-R | 48917 | 48417 | 48717GY | 48717-HF | 48217 | | | | 3 | 75 | 810 |
| 50 x 100 | MG-VRT-R | 48997 | | | | | | | | 2 | 50 | 844 |
| 102 x 138 | MG2-VRT-R | 48928 | 48428 | 48728GY | 48728-HF | 48228 | | 48128 | 108 x 160 | 1 | 50 | 207 |

*Directly on suitable surfaces.*

## 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

# MG-VRT-RH



THERMAL TRANSFER

| 0.5 mm PVC | SF | – 30°C | + 60°C | | | | | | | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

| Size mm | | white | HF white | yellow | grey | HF metallic grey | red | blue | black | Ø mm Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 x 52 | MG-VRT-RH | 48924 | 48924-HF | | | | | | 48129 | 2 | 14 | 350 | 831 |
| 15 x 80 | MG-VRT-RH | 48938 | | 48438 | | | | | | 2 | 7 | 175 | 828 |
| 25 x 50 | MG-VRT-RH | 48906 | | 48406 | 48806GY | 48806-HF | | 48606 | | 2 | 8 | 200 | 860 |
| 25 x 75 | MG-VRT-RH | 48907 | | 48407 | | | | | | 2 | 4 | 100 | 809 |
| 25 x 80 | MG-VRT-RH | 48931 | 48931-HF | | | | | | 48131 | 2 | 4 | 100 | 832 |
| 25 x 100 | MG-VRT-RH | 48914 | | 48414 | | | | | 48114 | 2 | 4 | 200 | 206 |
| 35 x 50 | MG-VRT-RH | 48930 | 48930-HF | | | | | | 48130 | 2 | 6 | 150 | 833 |
| 35 x 80 | MG-VRT-RH | 48937 | | 48437 | | | 48237 | 48637 | | 2 | 3 | 75 | 827 |
| 35 x 100 | MG-VRT-RH | 48909 | | 48409 | | | | | | 2 | 3 | 75 | 818 |
| 50 x 100 | MG-VRT-RH | 48911 | | 48411 | 48811GY | 48811-HF | | | | 4 | 2 | 50 | 811 |
| 75 x 120 | MG-VRT-RH | 48915 | | 48415 | | | | | 48115 | 4 | 1 | 50 | 816 |
| 105 x 110 | MG-VRT-RH | 48912 | | 48412 | 48712GY | 48712-HF | | | | 4 | 1 | 25 | 859 |
| 29 x 140 | MG2-VRT-RH | 48932 | 48932-HF | | | | | | 48132 | 2 | 3 | 75 | 834 |
| 35 x 142 | MG2-VRT-RH | 48923 | 48923-HF | | | | | | | 2 | 3 | 150 | 835 |
| 50 x 140 | MG2-VRT-RH | 48919 | 48919-HF | | | | | | | 4 | 2 | 50 | 872 |
| 60 x 100 | MG2-VRT-RH | 48927 | | | | | | | | 4 | 2 | 50 | 842 |
| 82 x 142 | MG2-VRT-RH | 48921 | | 48421 | | | | | | 4 | 1 | 50 | 836 |

*Directly on suitable surfaces.*
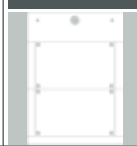
# MG-VRT-A

## 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

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

**Operating temperature range:** -40°C (-40°F) to +130°C (+266°F)

0.5 mm PVC | SF | −30°C | +60°C | UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | self adhesive | | white | HF white | yellow | grey | HF metallic grey | red | blue | green | black | Size of cover mm | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 x 110 | ✓ | MG-VRT-A | | | | | 88765-HF | | | | | | 5 | 125 | 779 |
| 25 x 50 | ✓ | MG-VRT-A | 88916 | | 88416 | 88716GY | 88716-HF | 88216 | 88616 | 88516 | 88116 | | 8 | 200 | 853 |
| 25 x 80 | ✓ | MG-VRT-A | 88908 | | 88408 | 88708GY | 88708-HF | 88208 | 88608 | | 88108 | | 4 | 100 | 861 |
| 25 x 100 | ✓ | MG-VRT-A | 88905 | | 88405 | | | 88205 | 88605 | | 88005 | | 4 | 100 | 205 |
| 32 x 58 | ✓ | MG-VRT-A | 88900N | | 88400N | 88700NGY | 88700N-HF | 88200N | 88600N | | 88000N | 37 x 79 | 6 | 150 | 200 |
| 35 x 75 | ✓ | MG-VRT-A | 88945 | | 88445 | | | | | | | | 3 | 75 | 825 |
| 35 x 100 | ✓ | MG-VRT-A | 88917 | | 88417 | 88717GY | 88717-HF | 88217 | 88617 | 88517 | 88007 | | 3 | 75 | 810 |
| 42 x 78 | ✓ | MG-VRT-A | 88901 | 88901-HF | 88401 | 88701GY | 88701-HF | 88201 | 88601 | | 88101 | 47 x 98 | 2 | 50 | 202 |
| 50 x 50 | ✓ | MG-VRT-A | 88918 | | 88418 | | | | | | 88118 | | 4 | 100 | 858 |
| 52 x 107 | ✓ | MG-VRT-A | 88903 | | 88403 | 88703GY | 88703-HF | 88203 | 88603 | | 88103 | 57 x 127 | 2 | 50 | 204 |
| 57 x 87,5 | ✓ | MG-VRT-A | 88971 | | | 88771GY | 88771-HF | | | | | | 2 | 50 | 841 |
| 62 x 88 | ✓ | MG-VRT-A | 88902 | | 88402 | 88702GY | 88702-HF | | | | | 67 x 109 | 1 | 25 | 203 |
| 92 x 118 | ✓ | MG-VRT-A | 88913 | | 88413 | 88713GY | 88713-HF | 88213 | 88613 | | 88113 | 97 x 140 | 1 | 25 | 813 |
| 105 x 110 | ✓ | MG-VRT-A | 88904 | | 88404 | 88704GY | 88704-HF | 88204 | | | | | 1 | 25 | 812 |
| 25 x 140 | ✓ | MG2-VRT-A | 88946 | | 88446 | | | | | | | | 4 | 100 | 824 |
| 40 x 138 | ✓ | MG2-VRT-A | 88935 | | | | | 88235 | | | 88135 | | 2 | 50 | 822 |
| 60 x 100 | ✓ | MG2-VRT-A | 88962 | | | | | | | | | | 2 | 50 | 821 |
| 65 x 122 | ✓ | MG2-VRT-A | 88963 | | | | | | | | | | 1 | 25 | 845 |
| 90 x 140 | ✓ | MG2-VRT-A | 88964 | | | | | | | | | | 1 | 25 | 846 |
| 102 x 138 | ✓ | MG2-VRT-A | 88928 | | 88428 | 88728GY | 88728-HF | 88228 | 88628 | | 88128 | 108 x 160 | 1 | 50 | 207 |

*i* *Directly on suitable surfaces.*

## 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: UL94

**Operating temperature range:**  -30°C (-22°F) to  +60°C (+140°F)

**Application temperature range:**  +10°C (+50°F) to +40°C (+104°F)

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

**Operating temperature range:**  -40°C (-40°F) to +130°C (+266°F)

# MG-VRT-AH



THERMAL TRANSFER

| Size mm | self adhesive | | white | yellow | grey | metallic grey (HF) | red | blue | black | Ø mm Holes | Tags per sheet | Quantity | SW code |
|---------|:---:|---|-------|--------|------|-------------------|-----|------|-------|:---:|:---:|:---:|:---:|
| 15 x 52 | ✓ | MG-VRT-AH | 88940 | | | | | | 88140 | 2 | 14 | 350 | 831 |
| 20 x 40 | ✓ | MG-VRT-AH | 88920 | 88420 | 88720GY | 88720-HF | | | | 2 | 10 | 250 | 864 |
| 25 x 50 | ✓ | MG-VRT-AH | 88906 | 88406 | | | | | | 2 | 8 | 200 | 860 |
| 25 x 75 | ✓ | MG-VRT-AH | 88907 | 88407 | | | 88207 | | | 2 | 4 | 100 | 809 |
| 25 x 80 | ✓ | MG-VRT-AH | 88942 | | | | | | 88142 | 2 | 4 | 100 | 832 |
| 25 x 100 | ✓ | MG-VRT-AH | 88914 | 88414 | | | | | | 2 | 4 | 100 | 206 |
| 35 x 50 | ✓ | MG-VRT-AH | 88941 | | | | | | 88141 | 2 | 6 | 150 | 833 |
| 35 x 75 | ✓ | MG-VRT-AH | 88929 | | | | | | | 2 | 3 | 75 | 817 |
| 35 x 85 | ✓ | MG-VRT-AH | 88944 | | | | | | | 2 | 3 | 75 | 823 |
| 35 x 100 | ✓ | MG-VRT-AH | 88909 | 88409 | | | | | | 2 | 3 | 75 | 818 |
| 35 x 100 | ✓ | MG-VRT-AH | 88910 | 88410 | | | | | | 4 | 3 | 75 | 818 |
| 42 x 78 | ✓ | MG-VRT-AH | 88922 | 88422 | | | | | | 2 | 2 | 50 | 819 |
| 50 x 100 | ✓ | MG-VRT-AH | 88911 | 88411 | | 88711-HF | | | | 4 | 2 | 50 | 811 |
| 75 x 120 | ✓ | MG-VRT-AH | 88915 | 88415 | | | | | 88115 | 4 | 1 | 25 | 816 |
| 105 x 110 | ✓ | MG-VRT-AH | 88912 | 88412 | 88712GY | 88712-HF | | | | 4 | 1 | 25 | 859 |
| 25 x 140 | ✓ | MG2-VRT-AH | 88927 | 88427 | | | | | | 2 | 4 | 100 | 871 |
| 29 x 140 | ✓ | MG2-VRT-AH | 88943 | | | | | | 88143 | 2 | 3 | 75 | 834 |
| 30 x 115 | ✓ | MG2-VRT-AH | 88967 | 88467 | | | | | | 2 | 3 | 75 | 780 |
| 35 x 142 | ✓ | MG2-VRT-AH | 88939 | | | | | | | 2 | 3 | 75 | 835 |
| 40 x 150 | ✓ | MG2-VRT-AH | 88968 | 88468 | | | | | | 2 | 2 | 50 | 781 |
| 50 x 140 | ✓ | MG2-VRT-AH | 88919 | | | | | 88619 | | 4 | 2 | 50 | 872 |
| 50 x 150 | ✓ | MG2-VRT-AH | 88956 | | | | | | | 4 | 2 | 50 | 843 |
| 82 x 142 | ✓ | MG2-VRT-AH | 88938 | | | | | | | 4 | 1 | 25 | 836 |
| 102 x 138 | ✓ | MG2-VRT-AH | | | | | 88237 | 88637 | | 4 | 1 | 25 | 208 |

*Directly on suitable surfaces.*
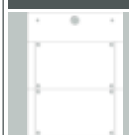
# MG-SIGNS

## Panel legends

*precut*

The MG-SIGNS series 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: UL94

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

| 0.5 mm PVC | SF | −30°C | +60°C | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|

| Shape | Size mm | self adhesive | | white | yellow | metallic grey | red | Ø mm Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 37 x 74 | | MG-SIGNS-R | | 990713 | | | | 2 | 100 | 271 |
| | 52 x 105 | | MG-SIGNS-R | | 990714 | | | | 2 | 100 | 272 |
| | Ø 62 | | MG-SIGNS-R | | 990743 | | | 22,5 | 1 | 50 | 252 |
| | Ø 62 | | MG-SIGNS-R | 990930 | | | | 30 | 1 | 50 | |
| | Ø 90 | | MG-SIGNS-R | | 990744 | | | 22,5 | 1 | 50 | 263 |
| | Ø 90 | | MG-SIGNS-R | | 990745 | | | 30,5 | 1 | 50 | 264 |
| | 100 | ✓ | MG-SIGNS-A | | 990704 | | | | 1 | 50 | 262 |
| | Ø 40 | ✓ | MG-SIGNS-A | 990927 | 990928 | | 990858 | | 4 | 200 | 250 |
| | Ø 100 | ✓ | MG-SIGNS-A | 990705 | | | | | 1 | 50 | 253 |
| | 37 x 74 | ✓ | MG-SIGNS-A | | 990711 | | | | 2 | 100 | 271 |
| | 52 x 105 | ✓ | MG-SIGNS-A | | 990712 | | | | 2 | 100 | 272 |

*i* *Directly on suitable surfaces.*

## Panel labels

*precut*

The MG-SIGNS series 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

**Operating temperature range:** -30°C (-22°F) to +70°C (+158°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

# MG-SIGNS

**0.3 mm PVC** | **SF** | **– 30°C** | **+ 70°C** | | | | | | **UL94 V0** | **RoHS COMPLIANT 2011/65/EU**

| Shape | Size mm | self adhesive | | white | yellow | metallic grey | red | Ø mm Holes | Tags per sheet | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ▲ | 50 | ✓ | MG-SIGNS-VY | | 990700N | | ■ | | 4 | 200 | 241 |
| | 100 | ✓ | MG-SIGNS-VY | | 990701 | | ■ | | 1 | 50 | 242 |
| ▲ | 50 | ✓ | MG-SIGNS-VY | | 990857 | | ■ | | 4 | 200 | 260 |
| ● | Ø 25 | ✓ | MG-SIGNS-VY | 990860 | 990859 | | 990992 | 12 | 600 | 236 |
| | Ø 100 | ✓ | MG-SIGNS-VY | 990702 | 990866 | | ■ | | 1 | 50 | 238 |
| ▭ | 37 x 74 | ✓ | MG-SIGNS-VY | | 990709 | | ■ | | 2 | 100 | 246 |
| | 52 x 105 | ✓ | MG-SIGNS-VY | 990825 | 990710 | | ■ | | 2 | 100 | 247 |
| ◉ | 62 | ✓ | MG-SIGNS-VY | | 990740 | | ■ | 22,5 | 1 | 50 | 232 |
| | 90 | ✓ | MG-SIGNS-VY | | 990741 | | ■ | 22,5 | 1 | 50 | 233 |
| | 90 | ✓ | MG-SIGNS-VY | | 990742 | | ■ | 30,5 | 1 | 50 | 234 |
| ▭ | 45 x 150 | ✓ | MG2-SIGNS-VY | 990991 | | | ■ | | 2 | 100 | 275 |
| ▣ | 46 x 46 | ✓ | MG-SIGNS-PY | | | 47826 | ■ | 24 | 4 | 200 | 230 |

*Directly on suitable surfaces.*
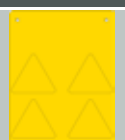
# ROLLY2000

## ROLLY2000

### Thermal transfer printer for roll media

Robust and quiet, ROLLY2000 provides reliable, intensive operation in office or factory combined with the facility to optimise printer set-up according to the media.

ROLLY2000 is delivered complete with power & connection cables and GENIUSPRO software including a universal driver for Windows® (7, 8 & 10) to ensure program compatibility.

ROLLY2000 is ideal for printing all Cembre flat material on rolls, eg. cable tags for holders, tie on, wraparound cable markers, legend strips and labels.

Maximum print area: 105 mm wide, up to 2.000 mm long.

**Printer Dimensions:**
- *Length 446 mm (17.55 in.)*
- *Width 242 mm (9.52 in.)*
- *Height 274 mm (10.78 in.)*
- *Weight 9 kg (19.84 lbs.)*

| SPEED |
|---|
| prints 1.000 4x10 cable tags in less than two 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 |

| QUALITY |
|---|
| printer resolution 300 dpi |

CE

Printer ROLLY2000 990910

Mains cable
USB cable
Cover
Black printer ribbon TPS-060 842112
CD Software

*i*

## Thermal transfer printer for roll media

*for heat shrinkable tubing*

Robust and quiet, ROLLY2000TR1 provides reliable, intensive operation in office or factory combined with the facility to optimise printer set-up according to the media.

ROLLY2000TR1 is delivered complete with power & connection cables and GENIUSPRO software including a universal driver for Windows® (7, 8 & 10) to ensure program compatibility.

ROLLY2000TR1 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.

### Printer Dimensions:

- *Length 446 mm (17.55 in.)*
- *Width 242 mm (9.52 in.)*
- *Height 274 mm (10.78 in.)*
- *Weight 9 kg (19.84 lbs.)*



# ROLLY2000TR1

| 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 one ribbon TRR-055** |
| **QUALITY** |
| **printer resolution 300 dpi** |

CE

Printer ROLLY2000TR1 990980

Mains cable
USB cable
Cover
Black printer ribbon TTR-055 842121
CD Software



*i*

| ROLLY2000TR1 PRINTABLE MATERIAL |
|---|

# ROLLY2000TR2

## ROLLY2000

### 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 TRR-055**

### QUALITY
**printer resolution 300 dpi**

**Printer Dimensions:**
- *Length 554 mm (21.8 in.)*
- *Width 248 mm (9.76 in.)*
- *Height 395 mm (15.55 in.)*
- *Weight 21 kg (46.3 lbs.)*



CE



Printer ROLLY2000TR2 990981

Mains cable
USB cable
Cover
2 Black printer ribbons TTR-055 842121
CD Software

### ROLLY2000TR2 PRINTABLE MATERIAL
**TERMO-ROLL double head heat shrinkable tubing .. page 62**

*i*

## Cutters and accessories

*for thermal transfer printer on roll media*

### ROLLY2000-CUTTER 990856

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

### ROLLY2000TR-CUTTER 990982

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

**HEAT GUN EHG 2000** 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*

### DISPENSER DSP-TCS

Mobile dispensing and preparation frame for convenient use of bulk.

**DESK-DISPENSER DSPB-TCS** Mobile dispensing and preparation stand for convenient use of bulk.

TT FOR REEL MEDIA

# RIBBONS

## Monochrome ribbons

*for thermal transfer printer on reel*

ROLLY2000 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.

**RoHS COMPLIANT 2011/65/EU**

| Code | black | blue | red | green | grey | white | Print area mm | Width mm | Length m | Quantity |
|------|-------|------|-----|-------|------|-------|---------------|----------|----------|----------|
| TPS-060 | 842112 | 842113 | 842115 | 842114 | 842116 | 842122 | 105 | 112 | 200 | *1* |
| TPPS-06 PREMIUM | 842212 | | | | | | 105 | 110 | 350 | *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

| Code | black | blue | red | green | grey | white | Print area mm | Width mm | Length m | Quantity |
|------|-------|------|-----|-------|------|-------|---------------|----------|----------|----------|
| TRR-055 | 842121 | | | | | | 105 | 60 | 360 | *1* |
| TRPR-060 PREMIUM | 844121 | | | | | | 105 | 60 | 360 | *1* |

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

**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

**Test interno Cembre**: Indelibility

**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 154

## 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 (-22°F) to +60°C (+140°F)

# TPM-ROLL

**EASY ENTRY**

| | 0.4 mm PVC | –30°C | +60°C | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |

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

*TT FOR REEL MEDIA*

# 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.

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

**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

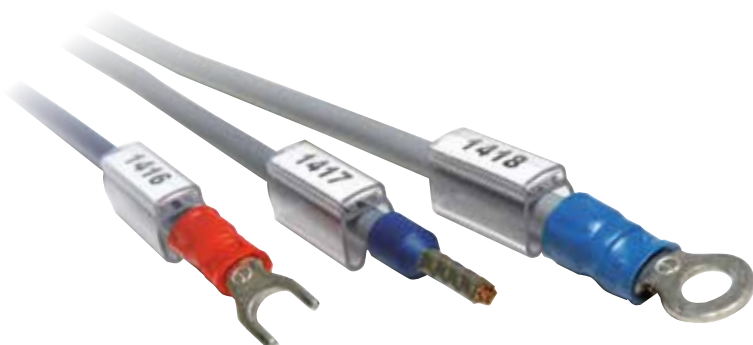**Material -HF:** Polycarbonate PC, Halogen Free, self extinguishing class V0: UL94

**Operating temperature range:** -40°C (-104°F) to +130°C (+266°F)

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

**Operating temperature range:** -25°C (-13°F) to +80°C (+230°F)

### PVC | 0.4 mm | −30°C | +60°C — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | | white | yellow | red | blue | Print area mm | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|
| 13 x 57 | ETF-ROLL | 44192 | 44142 | 44122 | 44162 | 11 x 35 | 1.775 | 4400 |

### PC | 0.4 mm | HF | −40°C | +130°C — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | | white | yellow | red | blue | green | orange | Print area mm | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|---|
| 13 x 57 | ETF-ROLL | 44192-HF | 44142-HF | 44122-HF | 44162-HF | 44152-HF | 44132-HF | 11 x 35 | 1.775 | 4400 |

### TPU | 0.6 mm | HF | −25°C | +80°C — UL94 V0 | RoHS COMPLIANT 2011/65/EU

| Size mm | | white | yellow | Print area mm | Quantity | SW code |
|---|---|---|---|---|---|---|
| 10 x 60 | ETF-ROLL-PU | 44390 | 44340 | 8 x 40 | 1.000 | 4450 |





*i*

*Directly on cables using appropriate cable ties*

## 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 (-22°F) to +60°C (+140°F)

# TAR-ROLL

Cembre

**TT FOR REEL MEDIA**
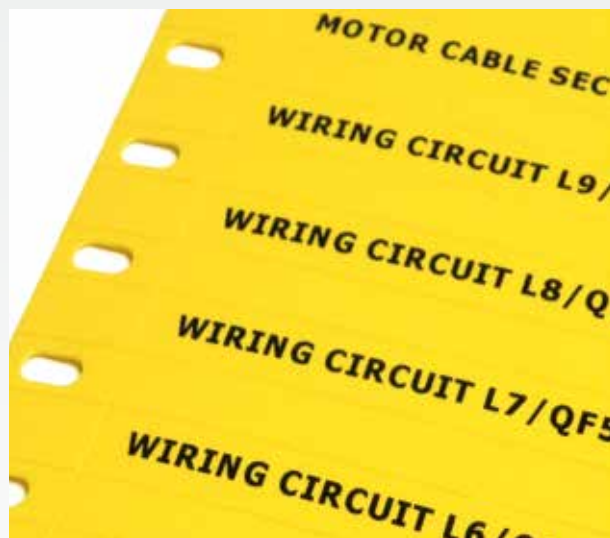
| | | | | |
|---|---|---|---|---|
| 0.4 mm PVC | SF | − 30°C | + 60°C | UL94 V0 · RoHS COMPLIANT 2011/65/EU |

| Size mm | white | yellow | Quantity | SW code |
|---|---|---|---|---|
| 9 x 20 | **75098** | | *5.800* | 4301 |
| 9 x 70 | **75099** | **75049** | *1.450* | 4300 |

*i*

# 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 ROLLY2000, is exceptionally clear and legible and is protected from chemical and atmospheric agents.
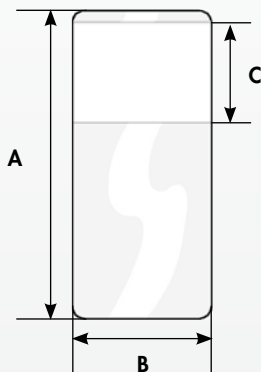
**Material:** Polyester film (PET)

**Operating temperature range:** -40°C (-104°F) to +130°C (+266°F).

**Application temperature range:** +10°C (+50°F) to +40°C (+140°F)

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

| Overall Length A mm | Wrapping diameter mm | Print area CxB mm | | white | yellow | Columns | Rows | Quantity | SW code |
|---|---|---|---|---|---|---|---|---|---|
| 2,6 ÷ 4,1 | 25 | 9 x 15 | KM-ROLL025 | 58955-015N | 58455-015N | 5 | 1.700 | *8.500* | 4600 |
| | | 9 x 23 | KM-ROLL025 | 58955-023N | 58455-023N | 4 | 1.700 | *6.800* | 4601 |
| 4,3 ÷ 7 | 38 | 10 x 15 | KM-ROLL038 | 58950-015N | 58450-015N | 5 | 1.200 | *6.000* | 4602 |
| | | 10 x 23 | KM-ROLL038 | 58950-023N | 58450-023N | 4 | 1.200 | *4.800* | 4603 |
| 6 ÷ 10 | 50 | 15 x 15 | KM-ROLL050 | 58951-015N | 58451-015N | 5 | 900 | *4.500* | 4.604 |
| | | 15 x 23 | KM-ROLL050 | 58951-023N | 58451-023N | 4 | 900 | *3.600* | 4.605 |
| 8 ÷ 14 | 75 | 25 x 15 | KM-ROLL075 | 58952-015N | 58452-015N | 5 | 600 | *3.000* | 4606 |
| | | 25 x 23 | KM-ROLL075 | 58952-023N | 58452-023N | 4 | 600 | *2.400* | 4607 |
| 12 ÷ 20 | 100 | 25 x 15 | KM-ROLL100 | 58953-015N | 58453-015N | 5 | 480 | *2.400* | 4608 |
| | | 25 x 23 | KM-ROLL100 | 58953-023N | 58453-023N | 4 | 480 | *1.920* | 4609 |
| 20 ÷ 25 | 135 | 25 x 15 | KM-ROLL135 | 58954-015N | 58454-015N | 5 | 350 | *1.750* | 4610 |
| | | 25 x 23 | KM-ROLL135 | 58954-023N | 58454-023N | 4 | 350 | *1.400* | 4611 |

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

## 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 (+50°F) to +40°C (+140°F)

# VCT-ROLL



| coated PVC | SF | −40°C | +150°C | | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|

| Size mm | yellow | Quantity | SW code |
|---|---|---|---|
| 9 x 20 | **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.*

**TT FOR REEL MEDIA**

# STRIP-ROLL



## ROLLY2000

### Modular component legend strips

*on reel*

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 (-22°F) to +60°C (+140°F)

| 0.4 mm PVC | − 30°C | + 60°C | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|---|

| Height mm | Tracks | | white | yellow | Length mm | Length Print area mm | Quantity | SW Code |
|---|---|---|---|---|---|---|---|---|
| 15 | 4 | STRIP-ROLL-R | 13160 | 13164 | 25 | 430 | 1 | 5002 |
| | | | | | | 630 | | 5102 |
| | | | | | | 1.000 | | 5202 |
| 21 | 3 | STRIP-ROLL-R | 13161 | 13171 | 25 | 430 | 1 | 5005 |
| | | | | | | 1.000 | | 5205 |
| 36 | 2 | STRIP-ROLL-R | 13162 | 13172 | 25 | 430 | 1 | 5006 |
| | | | | | | 1.000 | | 5206 |
| 40 | 2 | STRIP-ROLL-R | 13179 | 13174 | 25 | free | 1 | 4294 |
| 80 | 1 | STRIP-ROLL-R | 13290 | 13240 | 25 | free | 1 | 4282 |

**Material:** Polyester film

**Operating temperature range:** -40°C (-104°F) to +130°C (+266°F)

**Application temperature range:** +10°C (+50°F) to +40°C (+140°F)

| 0.3 mm PL | − 40°C | + 130°C | | | | UL94 V0 | RoHS COMPLIANT 2011/65/EU |
|---|---|---|---|---|---|---|---|

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



*i* *Directly on suitable surfaces.*