



# IDENTIFICATION & LABELLING *systems*



MAKING THE RIGHT CONNECTIONS



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.



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: 2015 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 ISO 14001: 2015 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 OHSAS 18001: 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.



## Symbols

|                                                                                     |                                                                                                                                          |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|    | All Cembre products comply with Directive 2011/65/EU of the European Parliament and Council dated 8 June 2011 (and subsequent amendment) |
|    | Meets the requirements for fire testing of materials and components for trains EN 45545-2:2013                                           |
|    | Halogen Free                                                                                                                             |
|    | Silicon Free                                                                                                                             |
|    | MIN. Operating temperature range                                                                                                         |
|    | MAX. Operating temperature range                                                                                                         |
|    | Self extinguishing class                                                                                                                 |
|    | Product's Series, PVC rigid thickness 0,5 mm                                                                                             |
|    | <b>Material:</b> Polyvinyl Chloride                                                                                                      |
|   | <b>Material:</b> Plasticised Polyvinyl Chloride                                                                                          |
|  | <b>Material:</b> Polycarbonate                                                                                                           |
|  | <b>Material:</b> Acrylonitrile-Butadiene-Styrene                                                                                         |
|  | <b>Material:</b> Styrene-Butadiene-Styrene                                                                                               |
|  | <b>Material:</b> Polyester                                                                                                               |
|  | <b>Material:</b> Cotton Fabric Coated with Acrylic                                                                                       |
|  | <b>Material:</b> High-Density Polyethylene                                                                                               |
|  | <b>Material:</b> Thermoplastic Polyurethane                                                                                              |
|  | <b>Material:</b> Irradiated Polyolefin                                                                                                   |
|  | <b>Material:</b> Stainless Steel AISI                                                                                                    |
|  | <b>Material:</b> Polyamide 6.6                                                                                                           |
|  | <b>Material:</b> Polypropylene                                                                                                           |
|  | <b>Material:</b> Polyoxyethylene                                                                                                         |
|  | <b>Material:</b> Ethylene-Vinyl Acetate                                                                                                  |
|  | <b>Material:</b> Polystyrene                                                                                                             |
|  | <b>Material:</b> Polyethylene Terephthalate                                                                                              |
|  | <b>Material:</b> Aluminium                                                                                                               |
|  | Thickness (mm) of Material                                                                                                               |

# INDEX

|              |                                                             |
|--------------|-------------------------------------------------------------|
| HOW TO MARK  | Symbols ..... 1                                             |
| GENIUSPRO    | Identification and labelling systems ..... 3                |
|              | How to mark ..... 5                                         |
|              | Software ..... 8                                            |
|              | <b>THERMAL TRANSFER SYSTEM FOR SHEET MEDIA</b>              |
| MG3          | Thermal transfer printer for sheet media ..... 9            |
| ACCESSORIES  | Support templates and accessories ..... 10                  |
| RIBBONS      | Monochrome ribbons ..... 11                                 |
| MG-TPMF      | Cable tags for holders ..... 12                             |
| MG-TPM       | Cable tags for holders ..... 13                             |
| MG-TDM       | Cable tags without holder ..... 14                          |
| MG2-TDMO     | Cable tags without holder ..... 15                          |
|              | Support for MG2-TDMO cable tags ..... 15                    |
| MG-ETF       | Cable & conduit tags tie-on ..... 16                        |
| MG-KMP       | Wraparound cable markers ..... 17                           |
| MG-CPM       | Terminal block markers ..... 18                             |
| MG-CPMF      | Terminal block marker strips ..... 20                       |
| MG-VYB       | Terminal block marker labels ..... 21                       |
| MG-SPM       | Component markers, push in ..... 22                         |
| MG-TAP       | Legends 15 mm ..... 23                                      |
|              | Legends 15 mm, Halogen free ..... 24                        |
| MG-TAP-CCS   | Transparent legends ..... 25                                |
| MG-PTS       | Push button legends ..... 26                                |
| MG-TAPW      | Legends 9 mm ..... 27                                       |
| MG-TAR       | Legends ..... 28                                            |
| MG-DOG       | Dog tags ..... 29                                           |
| MG-TAA       | Legends self adhesive ..... 30                              |
| MG-VYT       | Labels ..... 32                                             |
| MG-PYT       | Labels ..... 33                                             |
| MG-VCT       | Labels ..... 34                                             |
| MG-PLC       | PLC legends ..... 35                                        |
| MG-SAT       | Security labels ..... 36                                    |
| MG-17.5-R    | Modular legends ..... 37                                    |
| MG-17.5-A    | Modular legends ..... 38                                    |
| MG-17.5      | Modular labels ..... 39                                     |
| MG-17.5-SB   | Modular backing strips ..... 40                             |
| GMCK         | Customisable panel plates ..... 41                          |
| MG-VRT-R     | Panel plates rivet fixing ..... 42                          |
|              | Panel plates rivet fixing, Halogen free ..... 43            |
| MG-VRT-RH    | Panel plates rivet fixing with holes ..... 44               |
|              | Panel plates rivet fixing with holes, Halogen free ..... 45 |
| MG-VRT-A     | Panel plates self adhesive ..... 46                         |
|              | Panel plates self adhesive, Halogen free ..... 47           |
| MG-VRT-AH    | Panel plates self adhesive with holes ..... 48              |
|              | Panel plates self adhesive with holes ..... 49              |
| MG-SIGNS     | Panel legends ..... 50                                      |
|              | Panel labels ..... 51                                       |
|              | <b>THERMAL TRANSFER SYSTEM FOR ROLL MEDIA</b>               |
| ROLLY3000    | Thermal transfer printer for roll media ..... 52            |
| ROLLY2000TR2 | Thermal transfer printer for roll media ..... 53            |
| ACCESSORIES  | Cutters and accessories ..... 54                            |
| RIBBONS      | Monochrome ribbons ..... 55                                 |
| TPM-ROLL     | Cable tags with holders ..... 56                            |
| KM-ROLL      | Wraparound cable markers ..... 57                           |
| ETF-ROLL     | Cable & conduit tags tie-on ..... 58                        |

# INDEX

|               |                                                            |     |            |                                                     |     |
|---------------|------------------------------------------------------------|-----|------------|-----------------------------------------------------|-----|
| TAR-ROLL      | Legends .....                                              | 60  | PMT-ET     | Transparent legend holders tie-on 9 & 15 mm .....   | 118 |
| VCT-ROLL      | Self adhesive labels .....                                 | 61  | PMT-DT     | Transparent legend holders tie-on 9 & 15 mm .....   | 119 |
| STRIP-ROLL    | Modular component legend strips .....                      | 62  | Serie G    | Polyamide PA6.6 Cable ties .....                    | 120 |
| TTL           | Thermal transfer labels .....                              | 63  | Serie GVO  | Polyamide PA6.6 Cable ties (VO:UL94).....           | 122 |
|               | Rectangular labels, horizontal arrangement .....           | 64  | Serie G FH | Polyamide PA6.6 Cable ties .....                    | 123 |
|               | Rectangular labels, vertical arrangement.....              | 65  | Serie GX   | Stainless Steel INOX AISI 304 cable ties .....      | 124 |
|               | Square labels .....                                        | 65  | PTP        | Push button legend bases.....                       | 125 |
| TTF           | Continuous material .....                                  | 66  | PL         | Legend bases .....                                  | 126 |
|               | Continuous material .....                                  | 66  | TAP-CCS    | Transparent covers .....                            | 127 |
|               | Self adhesive continuous material .....                    | 67  | RT-TAP     | Legend rail, 15 mm .....                            | 128 |
|               | Self adhesive continuous material, reflective finish ..... | 67  |            | Transparent protective covers, 15 mm .....          | 128 |
| GMC-AL        | Aluminium mounting plates.....                             | 67  |            | Transparent protective strip, 15 mm .....           | 128 |
| TERMO-ROLL H2 | Heat shrinkable tubing High Grade 2:1.....                 | 68  | RT-TAPW    | Legend rail, 9 mm .....                             | 129 |
| TERMO-ROLL H3 | Heat shrinkable tubing High Grade 3:1.....                 | 70  |            | Transparent protective covers, 9 mm .....           | 129 |
| TERMO-ROLL M2 | Heat shrinkable tubing Medium Grade 2:1.....               | 72  |            | Transparent protective strip, 9 mm .....            | 129 |
| TERMO-ROLL M3 | Heat shrinkable tubing Medium Grade 3:1.....               | 74  | CPT        | Transparent covers .....                            | 130 |
| SMP           | Stainless steel tie-on tags .....                          | 76  | TPD        | Document holder .....                               | 131 |
|               | <b>MANUAL SYSTEM</b>                                       |     |            | <b>LABELS</b>                                       |     |
| PMP-30        | Push in cable markers.....                                 | 78  | WS         | Warning signs.....                                  | 132 |
|               | Tools for markers PMP-30 .....                             | 79  | PS         | Prohibition signs .....                             | 135 |
|               | Carriers for markers PMP-30 .....                          | 79  | MS         | Mandatory signs .....                               | 136 |
|               | STARTkit PMP-30 .....                                      | 79  | CS         | Electrical symbols .....                            | 137 |
| RMS-01        | Push on ring cable markers.....                            | 80  | VS         | Utility sector signs.....                           | 139 |
|               | Insertion tool for push on ring cable markers.....         | 81  |            |                                                     |     |
| RMS-02        | Push on ring cable markers.....                            | 82  | CHART      | Terminal block marker cross reference chart .....   | 144 |
| RMS-03        | Push on ring cable markers.....                            | 84  | QUALITY    | Test methods.....                                   | 154 |
| RMS-04        | Push on ring cable markers.....                            | 85  | GMCK       | Pre-printed MARKINGENIUS® media specification ..... | 156 |
| FMS           | Push on flat ring cable markers.....                       | 86  |            |                                                     |     |
|               | Carrier for push on flat ring cable markers .....          | 86  |            |                                                     |     |
| MS-ETF        | Laminated write on-tie on.....                             | 87  |            |                                                     |     |
| WIT-W         | Cable ticket .....                                         | 88  |            |                                                     |     |
| KM            | Wraparound cable markers .....                             | 89  |            |                                                     |     |
| ANS           | Wraparound cable markers .....                             | 90  |            |                                                     |     |
| ANL           | Alphanumeric signs .....                                   | 92  |            |                                                     |     |
| SM-01         | Snap on cable markers.....                                 | 93  |            |                                                     |     |
| SM-02         | Snap on cable markers.....                                 | 94  |            |                                                     |     |
| SM-03         | Snap on cable markers.....                                 | 95  |            |                                                     |     |
| SM-06         | Snap on cable markers.....                                 | 96  |            |                                                     |     |
| SM-09         | Snap on cable markers.....                                 | 97  |            |                                                     |     |
| SM-12         | Snap on cable markers.....                                 | 98  |            |                                                     |     |
| SM-15         | Snap on cable markers.....                                 | 99  |            |                                                     |     |
| SM-17         | Snap on cable markers.....                                 | 100 |            |                                                     |     |
| SM-21         | Snap on cable markers.....                                 | 101 |            |                                                     |     |
| SM-24         | Snap on cable markers.....                                 | 102 |            |                                                     |     |
|               | Applicators .....                                          | 102 |            |                                                     |     |
|               | <b>ACCESSORIES</b>                                         |     |            |                                                     |     |
| PMF           | Transparent tag holders 4 mm .....                         | 104 |            |                                                     |     |
| PMF-HF        | Transparent tag holders - Halogen Free .....               | 106 |            |                                                     |     |
| PM            | Transparent tag holders 4 mm .....                         | 107 |            |                                                     |     |
| PM-HF         | Transparent tag holders - Halogen Free .....               | 110 |            |                                                     |     |
| PM-L          | Transparent tag holders - Light .....                      | 111 |            |                                                     |     |
| PMF-AC        | Self adhesive transparent flat tag holders.....            | 112 |            |                                                     |     |
| PMF-ET        | Transparent flat tag holders tie-on.....                   | 113 |            |                                                     |     |
| PM-AC         | Self adhesive transparent tag holders .....                | 114 |            |                                                     |     |
| PM-ET         | Transparent tag holders tie-on .....                       | 115 |            |                                                     |     |
| PM-DT         | Transparent tag holders tie-on .....                       | 116 |            |                                                     |     |
| PMT-AC        | Self adhesive transparent legend holders 9 & 15 mm.....    | 117 |            |                                                     |     |



## Identification and labelling systems

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

### THERMAL TRANSFER SHEET PRINTER MARKINGENIUS®

The revolution in identification systems, MARKINGENIUS®MG3 is a high speed flat bed printer using thermal transfer technology to produce identification and labelling media for cables and tubing, panel building components and equipment of all types. Windows® based, the high resolution MARKINGENIUS®MG3 prints monocolour True Type fonts, while also reproducing Clipart images, drawings and bitmaps down to very small dimensions.



### THERMAL TRANSFER ROLL PRINTER ROLLY3000

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

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

ROLLY3000 is equipped to print TERM0-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

## How to mark

### MODULAR COMPONENTS

legends  
labels  
brand-specific legends  
mounting rails

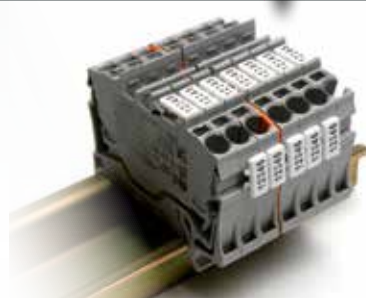


### PANEL INTERIORS



### 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



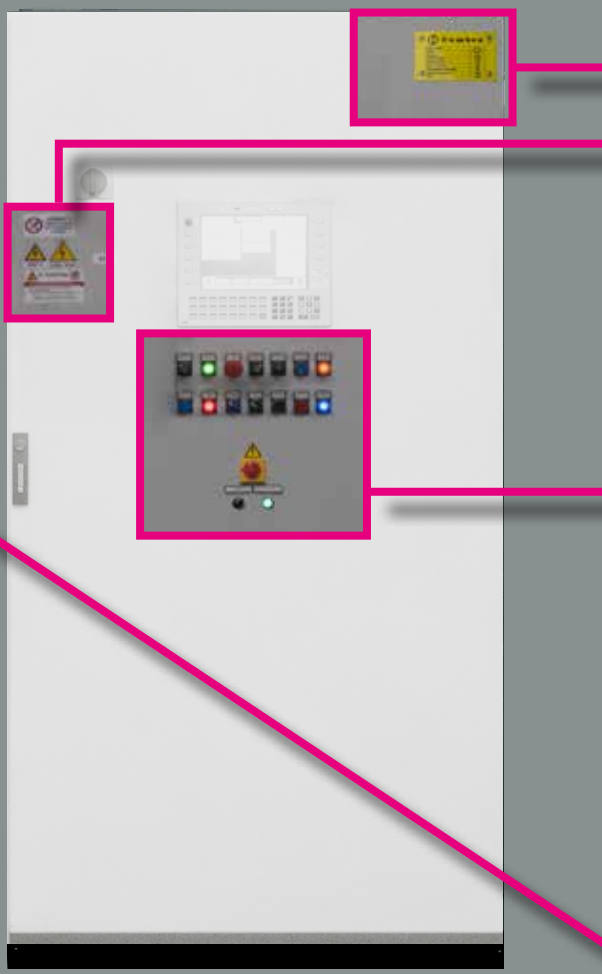
### SINGLE CABLES

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

## PANEL EXTERIORS



## PLATES & LABELS



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

## PUSH BUTTONS & INDICATORS



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

## CONNECTORS



- self adhesive legends & labels

## CONDUITS, PIPES & MULTI-CORE

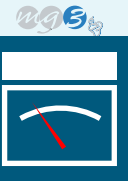


- tie-on cable and conduit tags
- wraparound cable markers
- heat shrinkable tubing

# HOW TO MARK

## How to mark

PRODUCT PAGE

| SINGLE CABLES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CONDUITS<br>PIPES<br>MULTI-CORE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TERMINAL BLOCKS                                                                                                                                                                                                                                                                                                                                                                           | PUSH BUTTONS<br>SWITCHES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | COMPONENTS<br>EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <br>MG-TPMF 12<br><br>PMF 104<br>MG-TPM 13<br><br>PM 107<br>MG-TDM 14<br><br>MG2-TDMO 15<br><br>MG-KMP 17 | <br>MG-TPMF 12<br>MG-TAP 23<br><br>PMF-ET 113<br>MG-TPM 13<br><br>PM-ET 115<br>MG-TPM 13<br><br>PM-DT 116<br>MG-ETF 16<br><br>CABLE TIE 120<br><br>PMT-DT 119<br><br>PMT-ET 113<br>MG-TAPW 27<br><br>PMT-ET 113<br>MG-TAPW 27<br><br>PMT-DT 119 | <br>MG-CPM 18<br><br>MG-CPMF 20<br><br>MG-VYB 21<br> | <br>MG-PTS 26<br><br>MG-TAA 30<br><br>MG-TAP 23<br><br>PTP 125<br>MG-TAP 23<br><br>PL 126<br>MG-VYT 32<br><br>HIGH PRESSURE<br><br>MG-SIGNS 50 | <br>MG-TPMF 12<br>MG-TPM 13<br>MG-SPM 22<br><br>PMF-AC 112<br>MG-TAR 28<br><br>MG-PLC 35<br><br>MG-DOG 29<br><br>MG-VCT 34<br><br>PMT-AC 117<br>MG-TAPW 27<br><br>RT-TAP 123<br>MG-TAPW 27<br><br>RT-TAPW 129 |

THERMAL TRANSFER SYSTEM FOR SHEET MEDIA





# GENIUSPRO



## Software

for all Cembre printers

GENIUSPRO is the latest software developed by Cembre.

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

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

### Software features

Easy data insertion

More than ten types of counter

\*.txt, \*.cad, \*.dbf, \*.xls and other file types can be imported

MATRIX, ACS and Simplo conversion

Spac, EPLAN, IGE-XAO, ZUKEN and Excel importation

Customisable print output filters

Optimised printing of media for cables, terminal blocks, control gear, connectors, push buttons, components, panels and self adhesive labels

All Windows fonts

Designs customised media

Vector, drawing and clip art printing

Free upgrades with each release

Help function

### Minimum system requirements

PC Processor Intel®Core™ i3 or equivalent

4 Gb RAM

USB connection

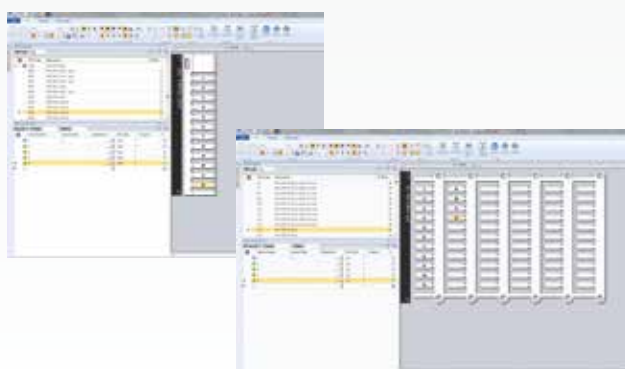
2 Gb available hard disc space

Video resolution 1280x1024

Windows 7, 8 and 10

CD drive

Internet enabled



[www.cembre.com](http://www.cembre.com) - [www.cembre.co.uk](http://www.cembre.co.uk) - [www.cembreinc.com](http://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.

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

## Thermal transfer printer for sheet media



on sheet media, plug&play

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

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            16.31 lbs.

Printer Type **MG3**, includes:

**991000** Support template for tags MG-TPM

**991002** Support template for serieFLAT media

**991011** Support template for terminal blocks

Mains cable

USB cable

Protective cover **991680**

Ribbon take up core **991654**

Black printer ribbon **991600**

Installation, Operating&Maintenance and User documentation

Software GENIUSPRO on pen drive

# MG3



## 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



Supplied with the three most useful support templates

|                                       |         |
|---------------------------------------|---------|
| software GENIUSPRO .....              | page 8  |
| support templates and PET blanks..... | page 10 |
| accessories .....                     | page 10 |
| ribbons.....                          | page 11 |



# ACCESSORIES

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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.)



| Support template | Type   | Quantity | PET blank | Type   | 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-TDM0, 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 42908                          |
| MG2-PSP          | 991018 | 1        | MG2-TSP   | 991514 | 3        | MG-SPM-02                                |
| MG2-NSB          | 991556 | 1        |           |        |          | MG-CPM-15 42909                          |

| Accessories | Type     | Quantity | Description                                              |
|-------------|----------|----------|----------------------------------------------------------|
| MG2-CKP     | 991670   | 1        | Print head cleaning kit (template, pad & cleaning fluid) |
|             | 991672   | 1        | Print head cleaning kit (template & pad)                 |
| MG2-CNP     | 992150   | 1        | Replacement pads for MG2-CKP (5 pieces)                  |
| 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



## 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



| Family           | Type   |        |        |        |        |        | Width mm | Length m | Quantity |
|------------------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
|                  | black  | blue   | red    | green  | silver | white  |          |          |          |
| 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

**CEMBRE INTERNAL TEST:** 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



# MG-TPMF



## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### Cable tags for holders



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

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

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

Note: UV resistance may vary between colours.

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

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



| Size mm | Type                  |                        |          |        |        |        |        |        |        | Tags per sheet | Quantity | SW code |
|---------|-----------------------|------------------------|----------|--------|--------|--------|--------|--------|--------|----------------|----------|---------|
|         | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey     | red    | orange | blue   | violet | green  | black  |                |          |         |
| 4 x 10  | 42090B                | 42040B                 | 42000BGY | 42020B | 42030N | 42060B | 42080N | 42050B | 42010B | 112            | 5.600    | 502     |
| 4 x 12  | 42091B                | 42041B                 | 42001BGY | 42021B |        | 42061B |        | 42051B | 42011B | 80             | 4.000    | 505     |
| 4 x 15  | 42092B                | 42042B                 |          |        |        |        |        |        |        | 80             | 4.000    | 503     |
| 4 x 20  | 42093B                | 42043B                 |          | 42023B |        | 42063B |        | 42053B |        | 64             | 1.600    | 504     |
| 4 x 30  | 42096B                | 42046B                 |          | 42026B |        | 42066B |        | 42056B |        | 48             | 1.200    | 509     |
| 4 x 40  | 42097B                | 42047B                 |          |        |        |        |        |        |        | 32             | 800      | 508     |

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

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



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



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

|                                      |          |
|--------------------------------------|----------|
| support template with PET blank..... | page 10  |
| ribbons.....                         | page 11  |
| tag holders PMF.....                 | page 104 |
| tag holders PMF-AC.....              | page 112 |
| tag holders PMF-ET.....              | page 113 |

## 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)

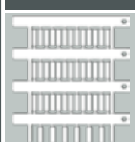
# MG-TPM



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

Use the 991611 ribbon to print -HF items.

|                                       |          |
|---------------------------------------|----------|
| support template with PET blank ..... | page 10  |
| ribbons .....                         | page 11  |
| tag holders PM .....                  | page 107 |
| tag holders light PM-L .....          | page 111 |
| tag holders PM-AC .....               | page 114 |
| tag holders PM-ET .....               | page 115 |
| tag holders PM-DT .....               | page 116 |



# MG-TDM



## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



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



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

#### PURCHASE SEPARATELY

support templates and PET blanks..... page 10  
ribbons..... page 11



## Cable tags without holder

*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:**  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ ) to  $+130^{\circ}\text{C}$  ( $+266^{\circ}\text{F}$ )

# MG2-TDM0



**PC** **HF** **SF** **40°C** **130°C**

**UL94**  
**V0**

**RoHS**  
COMPLIANT  
2011/65/EU

| Family     | Cable ext. Ø range mm | Cable c.s.a range mm² | Size mm | Type  |        | Tags per sheet | Template | Quantity | SW code |
|------------|-----------------------|-----------------------|---------|-------|--------|----------------|----------|----------|---------|
|            |                       |                       |         | white | yellow |                |          |          |         |
| MG-TDM0-01 | 2 ÷ 2,9               | 0,5 ÷ 1,5             | 4 x 12  | 40390 | 40340  | 40             | 991010   | 880      | 125     |
|            | 2 ÷ 2,9               | 0,5 ÷ 1,5             | 4 x 16  | 40391 | 40341  | 40             |          | 880      | 128     |
| MG-TDM0-02 | 2,9 ÷ 3,5             | 1,5 ÷ 2,5             | 4 x 12  | 40490 | 40440  | 40             |          | 640      | 126     |
|            | 2,9 ÷ 3,5             | 1,5 ÷ 2,5             | 4 x 16  | 40491 | 40441  | 40             |          | 640      | 129     |
| MG-TDM0-03 | 4 ÷ 4,6               | 4 ÷ 6                 | 4 x 12  | 40590 | 40540  | 40             |          | 560      | 127     |
|            | 4 ÷ 4,6               | 4 ÷ 6                 | 4 x 16  | 40591 | 40541  | 40             |          | 560      | 130     |



## 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.

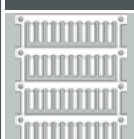
Use directly on cables according to outside diameter.

**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**

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



**PA6.6**

**UL94**  
**V2**

**RoHS**  
COMPLIANT  
2011/65/EU

| Family   | Ø Size mm | Cable c.s.a range mm² | Type  | Length mm | Quantity |
|----------|-----------|-----------------------|-------|-----------|----------|
| TDM0S-16 | 6-8       | 16                    | 42850 | 25        | 150      |
| TDM0S-35 | 8-10      | 35                    | 42852 | 25        | 100      |
| TDM0S-70 | 10-14     | 70                    | 42854 | 25        | 50       |



# MG-ETF

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)

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

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

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

| Size mm | Type                  |                        |         |       |       |       |        |       | Print area mm | Tags per sheet | Quantity | SW code |
|---------|-----------------------|------------------------|---------|-------|-------|-------|--------|-------|---------------|----------------|----------|---------|
|         | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey    | red   | blue  | green | violet | black |               |                |          |         |
| 13 x 57 | 54192                 | 54142                  | 54182GY | 54122 | 54162 | 54152 | 54112  | 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                  | 54187GY |       | 54167 | 54157 |        |       | 26 x 35       | 6              | 300      | 591     |

**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 |
|----|----|----|-------|--------|--|---------|---------------------------|

| Size mm | Type     |          |               |          |          |          |          |             |            |          | Print area mm | Tags per sheet | Quantity | SW code |
|---------|----------|----------|---------------|----------|----------|----------|----------|-------------|------------|----------|---------------|----------------|----------|---------|
|         | white    | yellow   | metallic grey | red      | blue     | green    | orange   | light brown | dark brown | black    |               |                |          |         |
| 13 x 57 | 54192-HF | 54142-HF | 54182-HF      | 54122-HF | 54162-HF | 54152-HF | 54132-HF | 54172-HF    | 54172-I-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     |

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

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

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

| Size mm | Type  |        | Print area mm | Tags per sheet | Quantity | SW code |
|---------|-------|--------|---------------|----------------|----------|---------|
|         | white | yellow |               |                |          |         |
| 13 x 57 | 64192 | 64142  | 11 x 35       | 14             | 700      | 581     |



Directly on cables using appropriate cable ties  
Use the 991611 ribbon to print -HF items.

support template with PET blank .....page 10  
ribbons.....page 11  
cable tie max width 4,8 mm.....page 120

## 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



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



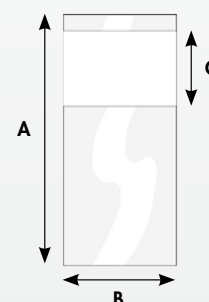
FIX



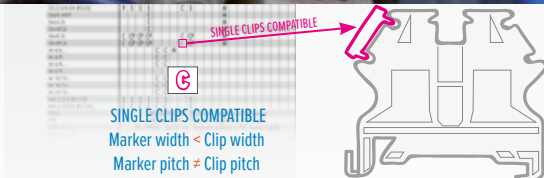
WRAP

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

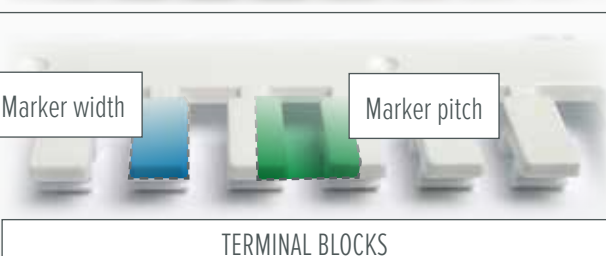
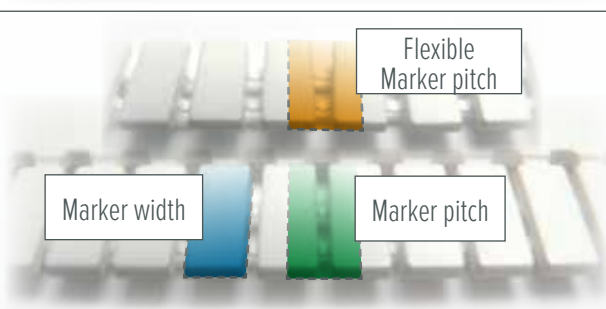
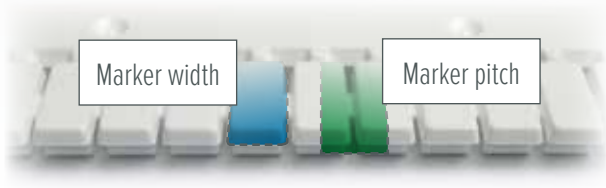
support template with PET blank .....page 10  
ribbons.....page 11



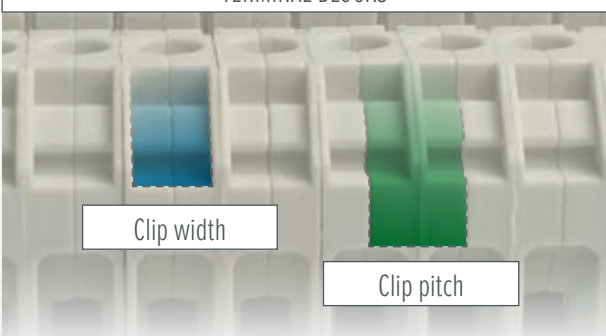
# MG-CPM



PRINTABLE SHEET FORMAT



TERMINAL BLOCKS



## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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 accommodated 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



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



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



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.



Directly on terminal blocks using the rear mounted clips.

#### SUPPLIED

#### PURCHASE SEPARATELY

support templates and PET blanks..... page 10  
ribbons..... page 11





| Family    | Terminal blocks                                                                                                                      |                                                                                     | Size mm | Pitch mm | Strip form | Type   |        | Markers per sheet | Quantity | Template | SW code |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|----------|------------|--------|--------|-------------------|----------|----------|---------|
|           |                                                                                                                                      |                                                                                     |         |          |            | white  | yellow |                   |          |          |         |
| MG-CPM-01 | Weidmüller, IMO, ABB Entrelec, Wago, Allen Bradley, Conta Clip, Klemсан, Morsettitalia, Woertz, Connectwell, Rockwell                |    | 3 x 10  | 3,5      | S          | 41092  |        | 80                | 2.000    | 991011   | 15      |
|           |                                                                                                                                      |    | 5 x 7   | 5,1      | S          | 41094  | 41044  | 56                | 1.960    | 991008   | 13      |
|           |                                                                                                                                      |    | 5 x 10  | 5,1      | S          | 41090N | 41040N | 56                | 1.960    | 991011   | 14      |
|           |                                                                                                                                      |    | 5 x 15  | 5,1      | S          | 41091N | 41041N | 48                | 1.680    | 991011   | 16      |
|           |                                                                                                                                      |    | 6 x 10  | 6        | M          | 41095  | 41045  | 48                | 1.680    | 991011   | 17      |
|           |                                                                                                                                      |    | 8 x 10  | 8        | M          | 41096  | 41046  | 32                | 1.120    | 991011   | 18      |
| MG-CPM-02 | Weidmüller WDK & WDU, Allen Bradley, Conta Clip, Klemсан, ABB Entrelec, Wago, Woertz                                                 |    | 5 x 10  | 5,1      | S          | 41190N | 41140N | 48                | 1.680    | 991011   | 22      |
| MG-CPM-03 | Wago, ABB Entrelec, Cabur, Phoenix Contact, Connectwell                                                                              |    | 5 x 10  | 5        | S          | 41291  |        | 56                | 1.960    | 991011   | 25      |
|           |                                                                                                                                      |                                                                                     | 5 x 10  | 5        | M          | 41293  |        | 56                | 1.960    | 991011   | 25      |
| MG-CPM-04 | Phoenix Contact UK, UT & ST (frontal mounting), Connectwell, Siemens 8WH (clamp,frontal mounting), Cabur, ABB Entrelec, Wago, Finder |    | 3 x 10  | 3,5      | S          | 41392  |        | 80                | 2.000    | 991011   | 43      |
|           |                                                                                                                                      |                                                                                     | 5 x 10  | 5,2      | S          | 41390N | 41340N | 48                | 1.680    | 991011   | 42      |
|           |                                                                                                                                      |                                                                                     | 5 x 10  | 5,2      | M          | 41395  |        | 48                | 1.680    | 991011   | 31      |
|           |                                                                                                                                      |                                                                                     | 6 x 10  | 6        | M          | 41391  |        | 48                | 1.344    | 991011   | 45      |
|           |                                                                                                                                      |                                                                                     | 8 x 10  | 8        | M          | 41396  | 41346  | 32                | 1.120    | 991011   | 48      |
| MG-CPM-05 | Wieland, Telemecanique, Legrand clamp, Merlin Gerin MCB ST                                                                           |  | 5 x 8   | 5        | M          | 41495  |        | 56                | 1.960    | 991004   | 52      |
|           |                                                                                                                                      |                                                                                     | 5 x 10  | 5        | S          | 41490  |        | 56                | 1.960    | 991004   | 51      |
|           |                                                                                                                                      |                                                                                     | 5 x 10  | 5        | M          | 41494  |        | 56                | 1.960    | 991004   | 51      |
| MG-CPM-06 | Siemens 8WA screw                                                                                                                    |  | 5 x 10  | 6        | S          | 41591  |        | 44                | 1.540    | 991005   | 61      |
| MG-CPM-07 | Phoenix Contact ST, STU, STS, STI,ST-N,STTB, Siemens 8WH screw, Schlegel                                                             |  | 5 x 10  | 5,2      | S          | 41691  |        | 48                | 1.680    | 991011   | 71      |
| MG-CPM-09 | Legrand Viking 3                                                                                                                     |  | 5 x 10  | 5 ÷ 6    | MF         | 41890  |        | 56                | 1.960    | 991013   | 92      |
| MG-CPM-10 | Cabur, Connectwell                                                                                                                   |  | 5 x 12  | 5,5      | S          | 46192  | 46142  | 48                | 1.680    | 991006   | 101     |
| MG-CPM-11 | Allen Bradley, Weidmüller WDU, Conta Clip RK, IMO, Finder, Omron, Klemсан                                                            |  | 6 x 12  | 6,1      | S          | 46392  | 46342  | 48                | 1.344    | 991011   | 106     |
| MG-CPM-12 | Wago Top Job, ABB Entrelec, Cabur, Weidmüller, Connectwell, Morsettitalia, Beckoff I/O, Klemсан                                      |  | 4,2 x 6 | 5 ÷ 6    | MF         | 46391  |        | 56                | 1.960    | 991004   | 111     |
|           |                                                                                                                                      |  | 4,2 x 9 | 5 ÷ 6    | MF         | 46390  |        | 56                | 1.960    | 991004   | 112     |
| MG-CPM-13 | ABB Entrelec SNK ZS                                                                                                                  |  | 5 x 12  | 5,2      | M          | 41790  | 41740  | 56                | 1.960    | 991016   | 113     |
|           |                                                                                                                                      |                                                                                     | 6 x 12  | 6        | M          | 41791  | 41741  | 48                | 1.680    | 991016   | 114     |
| MG-CPM-15 | Weidmüller, Wago Top Job, Klemсан, Conta-clip                                                                                        |  | 5 x 5   | 5,1      | M          | 42908  |        | 48                | 1.680    | 991554   | 402     |
|           |                                                                                                                                      |  | 6 x 5   | 6,1      | M          | 42909  |        | 40                | 1.400    | 991556   | 403     |



# MG-CPMF

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### Terminal block marker strips



#### SerieFLAT, precut

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

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



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

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



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



| Family   | Self adhesive | Terminal blocks                                 | Size mm    | Type               |                     | Strips per sheet | Quantity | SW code |
|----------|---------------|-------------------------------------------------|------------|--------------------|---------------------|------------------|----------|---------|
|          |               |                                                 |            | white (PVC10050WH) | yellow (PVC10050YE) |                  |          |         |
| MG-CPMF  |               | Phoenix Contact ST                              | 6,3 x 105  | 43092              | 43042               | 15               | 750      | 553     |
|          |               | ABB Entelec M6/9EE, front mounting              | 7,6 x 105  | 43091              | 43041               | 12               | 600      | 552     |
|          |               | Phoenix Contact PIT                             | 9,8 x 105  | 43097N             | 43047N              | 11               | 550      | 549     |
|          |               | ABB Entelec M6/9EE, lateral mounting            | 10 x 105   | 43090              | 43040               | 10               | 500      | 530     |
|          |               | Wago Top Job 2001, 2002, 2004, 2006, 2010, 2016 | 10,5 x 105 | 43093              | 43043               | 10               | 500      | 554     |
| MG-CPMFA | ✓             | ABB Entelec M6/9EE, lateral mounting            | 10 x 105   | 46990              | 46940               | 10               | 100      | 530     |
|          | ✓             | ABB Entelec SNK                                 | 12 x 105   | 43196N             | 43146N              | 8                | 400      | 932     |

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

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



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



Directly on terminal blocks  
Use the 991611 ribbon to print -HF items.

support template with PET blank ..... page 10  
ribbons ..... page 11  
cross reference chart ..... page 144

## 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



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

*Directly on terminal blocks*



support template with PET blank .....page 10  
 ribbons.....page 11  
 cross reference chart.....page 144

# MG-SPM

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



| Family    |  | Components                | Size mm | Type<br>white | Tags per sheet | Quantity | Template | SW code |
|-----------|--|---------------------------|---------|---------------|----------------|----------|----------|---------|
| MG-SPM-02 |  | Siemens Sirius, ABB AF    | 7 x 20  | 43291         | 12             | 360      | 991018   | 142     |
| MG-SPM-03 |  | Siemens, Klockner Moeller | 9 x 19  | 32291         | 12             | 360      | 991011   | 143     |
| MG-SPM-09 |  | Murrelektronik, Balluff   | 8 x 20  | 32895         | 12             | 360      | 991004   | 144     |



directly on components with suitable clip in locations  
Use the 991611 ribbon to print -HF items.

SUPPLIED

PURCHASE SEPARATELY

support templates and PET blanks.....page 10  
ribbons.....page 11  
cross reference chart.....page 144

## 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

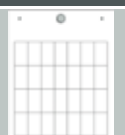
**Operating temperature range:** -30°C (-22°F) to +60°C (+140°F)

MG-TAP



| Size mm                                                                          | Type                  |                        |          |        |        |        |               |        | Legends per sheet | Quantity | SW code |
|----------------------------------------------------------------------------------|-----------------------|------------------------|----------|--------|--------|--------|---------------|--------|-------------------|----------|---------|
|                                                                                  | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey     | red    | blue   | green  | Siemens green | black  |                   |          |         |
| 15 x 17                                                                          | 47090N                | 47040N                 | 47000NGY | 47020N | 47060N | 47050N |               | 47010N | 42                | 1.050    | 165     |
| 15 x 27                                                                          | 47091N                | 47041N                 | 47001NGY | 47021N | 47061N | 47051N | 47051NSGN     | 47011N | 28                | 1.400    | 166     |
| 15 x 32                                                                          | 47098                 |                        |          |        |        |        |               |        | 21                | 1.050    | 352     |
| 15 x 43                                                                          | 47198                 |                        |          |        |        |        |               |        | 14                | 700      | 353     |
| 15 x 49                                                                          | 47092N                | 47042N                 | 47002NGY | 47022N | 47062N | 47052N |               | 47012N | 14                | 700      | 167     |
| 15 x 67                                                                          | 47093N                | 47043N                 | 47003NGY | 47023N | 47063N | 47053N |               | 47013N | 7                 | 350      | 168     |
| Siemens 3SB3925-0AB                                                              |                       |                        |          |        |        |        |               |        |                   |          |         |
| 17,5 x 27,8                                                                      | 47094                 |                        | 47004GY  |        |        |        |               | 47014  | 24                | 1.200    | 175     |
| Schneider Electric ZBY, Télémécanique ZBZ-32                                     |                       |                        |          |        |        |        |               |        |                   |          |         |
| 8,2 x 27                                                                         | 47096                 | 47046                  | 47006GY  | 47026  |        |        |               | 47016  | 44                | 2.200    | 807     |
| Schneider Electric ZBY, Télémécanique ZBZ-33, ZBZ-35, Kloechnner Moeller (EATON) |                       |                        |          |        |        |        |               |        |                   |          |         |
| 18 x 27                                                                          | 47097                 | 47047                  | 47007GY  | 47027  |        |        |               | 47017  | 20                | 1.000    | 178     |
| Allen Bradley                                                                    |                       |                        |          |        |        |        |               |        |                   |          |         |
| 6,4 x 27,3                                                                       | 47790                 |                        | 47700GY  |        |        |        |               |        | 56                | 1.400    | 715     |
| 16,3 x 27,3                                                                      | 47791                 |                        | 47701GY  |        |        |        |               |        | 24                | 1.200    | 716     |
| Siemens 3SU1900-0AS10-0AA0                                                       |                       |                        |          |        |        |        |               |        |                   |          |         |
| 17,5 x 27                                                                        | 47794                 |                        | 47704GY  |        |        |        |               |        | 12                | 300      | 725     |
| ABB KA1-8120                                                                     |                       |                        |          |        |        |        |               |        |                   |          |         |
| 15 x 27,7                                                                        | 47795                 | 47745                  | 47705GY  |        |        |        |               |        | 28                | 1.400    | 163     |

|                                       |          |
|---------------------------------------|----------|
| support template with PET blank ..... | page 10  |
| ribbons .....                         | page 11  |
| legend holders PMT-AC .....           | page 117 |
| legend holders PMT .....              | page 118 |
| push button legend bases PTP .....    | page 125 |
| legend bases PL .....                 | page 126 |
| legend rails RT-TAP .....             | page 128 |



# MG-TAP

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### Legends 15 mm, Halogen free

*precut*

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

Consult us for availability of other colours.

Note: UV resistance may vary between colours



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

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



| Size mm                                                                                  | Type      |               | Legends per sheet | Quantity | SW code |
|------------------------------------------------------------------------------------------|-----------|---------------|-------------------|----------|---------|
|                                                                                          | white     | metallic grey |                   |          |         |
| 15 x 17                                                                                  |           | 47000N-HF     | 42                | 1.050    | 165     |
| 15 x 27                                                                                  | 47091N-HF | 47001N-HF     | 28                | 1.400    | 166     |
| 15 x 49                                                                                  |           | 47002N-HF     | 14                | 700      | 167     |
| 15 x 67                                                                                  |           | 47003N-HF     | 7                 | 350      | 168     |
| ABB KAI-8120                                                                             |           |               |                   |          |         |
| 15 x 27,7                                                                                | 47705-HF  |               | 28                | 1.400    | 163     |
| Siemens 3SB3925-0AB                                                                      |           |               |                   |          |         |
| 17,5 x 27,8                                                                              |           | 47004-HF      | 24                | 1.200    | 175     |
| Schneider Electric ZBY, Télémécanique ZBZ-32                                             |           |               |                   |          |         |
| 8,2 x 27                                                                                 |           | 47006-HF      | 44                | 2.200    | 807     |
| Schneider Electric ZBY, Télémécanique ZBZ-3, ZBZ-35, ZBY6102, Kloechnner Moeller (EATON) |           |               |                   |          |         |
| 18 x 27                                                                                  |           | 47007-HF      | 20                | 1.000    | 178     |
| Allen Bradley                                                                            |           |               |                   |          |         |
| 6,4 x 27,3                                                                               |           | 47700-HF      | 56                | 1.400    | 715     |
| 16,3 x 27,3                                                                              |           | 47701-HF      | 24                | 1.200    | 716     |
| Siemens 3SU1900-0AS10-0AA0                                                               |           |               |                   |          |         |
| 17,5 x 27                                                                                |           | 47704-HF      | 12                | 300      | 725     |



|                                           |          |
|-------------------------------------------|----------|
| Use the 991611 ribbon to print -HF items. |          |
| support template with PET blank .....     | page 10  |
| ribbons .....                             | page 11  |
| legend holders PMT-AC .....               | page 117 |
| legend holders PMT .....                  | page 118 |
| push button legend bases PTP .....        | page 125 |
| legend bases PL .....                     | page 126 |
| legend rails RT-TAP .....                 | page 128 |



## 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)

# MG-TAP-CCS



| Size mm     | Type    | 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     |

Use the 991611 ribbon to print -HF items.

|                                       |          |
|---------------------------------------|----------|
| support template with PET blank ..... | page 10  |
| ribbons .....                         | page 11  |
| legend 15mm MG-TAP .....              | page 23  |
| push button legend bases PTP .....    | page 125 |
| legend bases PL .....                 | page 126 |
| legend rails RT-TAP .....             | page 128 |



# MG-PTS



## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



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

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

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



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



direct application to suitable surfaces.  
Use the 991611 ribbon to print -HF items.

support template with PET blank ..... page 10  
ribbons ..... page 11

## Legends 9 mm

serie  
FLAT

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.

MG-TAPW



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

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



| Component                      | Size mm | Type                  |                        |       |        | Tags per sheet | Quantity | SW code |
|--------------------------------|---------|-----------------------|------------------------|-------|--------|----------------|----------|---------|
|                                |         | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | blue  | green  |                |          |         |
|                                | 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 Entelec PEAD, Wago 249-119 | 9 x 29  | 49096                 | 49046                  | 49066 |        | 30             | 1.500    | 363     |
|                                | 9 x 35  | 49091N                | 49041N                 |       |        | 33             | 1.650    | 364     |
|                                | 9 x 50  | 49094                 | 49044                  |       |        | 20             | 1.000    | 376     |
|                                | 9 x 70  | 49095N                | 49045N                 |       | 49055N | 11             | 550      | 378     |

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

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



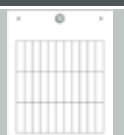
| Size mm | Type white | Tags per sheet | Quantity | SW code |
|---------|------------|----------------|----------|---------|
| 9 x 35  | 49091N-HF  | 33             | 1.650    | 364     |
| 9 x 50  | 49094-HF   | 20             | 1.000    | 376     |



Use the 991611 ribbon to print -HF items.

|                                       |          |
|---------------------------------------|----------|
| support template with PET blank ..... | page 10  |
| ribbons .....                         | page 11  |
| legend holders PMT-AC .....           | page 117 |
| legend holders PMT-ET .....           | page 118 |
| legend holders PMT-DT .....           | page 119 |
| legend rails RT-TAPW .....            | page 129 |

i



# MG-TAR

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



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



| Component                        | Size mm    | Type                  |                        |         |       |        | Tags per sheet | Quantity | SW code |
|----------------------------------|------------|-----------------------|------------------------|---------|-------|--------|----------------|----------|---------|
|                                  |            | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey    | red   | blue   |                |          |         |
|                                  | 4,6 x 17,5 | 45398                 |                        |         |       |        | 25             | 875      | 797     |
|                                  | 6 x 60     | 45090                 |                        |         |       |        | 16             | 800      | 169     |
| Weidmüller SCHAT7 & 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 SCHAT5S, Beckhoff I/O | 7,5 x 40   | 45098                 | 45048                  |         |       |        | 24             | 1.200    | 801     |
| ABB SNK LH                       | 8,5 x 30   | 45490                 |                        |         |       |        | 33             | 1.650    | 720     |
| Wago 249-119                     | 10 x 28,5  | 45395                 |                        |         |       |        | 27             | 1.350    | 350     |
| Reyrolle ER231                   | 10,4 x 21  | 45297                 |                        |         |       |        | 50             | 1.250    | 351     |
| CZ Explosion proof 4031/4        | 12 x 57,5  | 45392                 |                        |         |       |        | 16             | 800      | 708     |
|                                  | 14 x 45,5  | 45390                 |                        |         |       |        | 14             | 700      | 718     |
|                                  | 14 x 84    | 45192                 | 45142                  |         |       |        | 6              | 300      | 805     |
| ABB Entrelec PEB                 | 17 x 35    | 45194                 | 45144                  |         |       |        | 18             | 900      | 711     |
| Weidmüller SCHAT5                | 17 x 40    | 45094N                | 45044N                 |         |       | 45064N | 18             | 900      | 713     |
|                                  | 17 x 44    | 45195                 | 45145                  |         |       |        | 12             | 600      | 717     |
| CZ Explosion proof 4031/4        | 17,5 x 36  | 45391                 |                        |         |       |        | 18             | 900      | 709     |
|                                  | 26 x 46    | 45397                 |                        |         |       |        | 8              | 400      | 750     |



Directly to suitable clip in or stick on locations

support template with PET blank ..... page 10  
ribbons ..... page 11

## 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.

MG-DOG



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

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



| Size mm | Type               |                     |       |       | Ø hole mm | Cable tie max. mm | Tags per sheet | Quantity | SW code |
|---------|--------------------|---------------------|-------|-------|-----------|-------------------|----------------|----------|---------|
|         | white (PVC10050WH) | yellow (PVC10050YE) | red   | green |           |                   |                |          |         |
| 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     |
|         | 48300              | 48340               | 48320 |       | 4         | 3,6               | 6              | 300      | 870     |

**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)



| Size mm | Type     |          |          | Ø hole mm | Cable tie max. mm | Tags per sheet | Quantity | SW code |
|---------|----------|----------|----------|-----------|-------------------|----------------|----------|---------|
|         | white    | yellow   | green    |           |                   |                |          |         |
| 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     |
|         | 48397-HF |          |          | 6,5       | 4,8               | 2              | 100      | 204     |
| Ø 20    | 48392-HF |          | 48352-HF | 6,5       | 4,8               | 12             | 300      | 875     |
|         | 48300-HF | 48340-HF |          | 4         | 3,6               | 6              | 300      | 870     |

*Appropriate attachment.*

*Use the 991611 ribbon to print -HF items.*



support template with PET blank ..... page 10  
 ribbons ..... page 11  
 cable ties ..... page 120





# MG-TAA

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



| Size mm                 | Type                  |                        |          |        |        |        |               |        | Labels per sheet | Quantity | SW code |
|-------------------------|-----------------------|------------------------|----------|--------|--------|--------|---------------|--------|------------------|----------|---------|
|                         | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey     | red    | blue   | green  | Siemens green | black  |                  |          |         |
| 5 x 10                  | 49599                 | 49549                  |          |        |        |        |               |        | 80               | 2.000    | 959     |
| 7 x 20 <sup>(1)</sup>   | 49196                 | 49146                  | 49106GY  | 49126  | 49166  | 49156  | 49156SGN      | 49116  | 60               | 1.500    | 179     |
| 7 x 44                  | 49597                 | 49547                  |          | 49527  | 49567  |        |               |        | 24               | 600      | 796     |
| 8 x 12                  | 49296                 | 49246                  | 49206GY  | 49226  | 49266  | 49256  |               | 49216  | 96               | 2.400    | 723     |
| 8 x 17 <sup>(2)</sup>   | 49493                 | 49443                  |          |        |        |        |               |        | 72               | 1.800    | 724     |
| 8,5 x 30 <sup>(3)</sup> | 49498                 | 49448                  |          |        |        |        |               |        | 33               | 825      | 720     |
| 9 x 12                  | 49290N                | 49240N                 | 49400NGY | 49220N | 49260N | 49250N |               | 49210N | 88               | 2.200    | 960     |
| 9 x 15                  | 49397N                | 49347N                 | 49307NGY | 49327N | 49367N | 49357N |               | 49317N | 77               | 1.925    | 961     |
| 9 x 20 <sup>(1)</sup>   | 49190N                | 49140N                 | 49100NGY | 49120N | 49160N | 49150N |               | 49110N | 55               | 1.375    | 962     |
| 9 x 35                  | 49191N                | 49141N                 | 49101NGY | 49121N | 49161N | 49151N |               | 49111N | 33               | 825      | 964     |
| 9 x 50                  | 49197                 | 49147                  | 49107GY  | 49127  | 49167  | 49157  |               | 49117  | 20               | 500      | 976     |
| 10 x 105                | 49199                 | 49149                  |          |        |        |        |               |        | 10               | 250      | 530     |
| 12 x 26                 | 49399N                |                        | 49309NGY |        |        |        |               | 49319N | 28               | 700      | 862     |
| 15 x 15                 |                       | 49445                  |          |        |        |        |               |        | 49               | 1.225    | 183     |
| 15 x 17                 | 49192N                | 49142N                 | 49102NGY | 49122N | 49162N | 49152N |               | 49112N | 42               | 1050     | 965     |
| 15 x 27                 | 49193N                | 49143N                 | 49103NGY | 49123N | 49163N | 49153N |               | 49113N | 28               | 700      | 966     |
| 15 x 44                 | 49298                 | 49248                  | 49208GY  | 49228  | 49268  | 49258  |               | 49218  | 12               | 300      | 854     |
| 15 x 49                 | 49194N                | 49144N                 | 49304NGY | 49124N | 49164N | 49154N |               | 49104N | 14               | 350      | 967     |
| 15 x 67                 | 49195N                | 49145N                 | 49405NGY | 49125N | 49165N | 49155N |               | 49115N | 7                | 175      | 968     |
| 17 x 32                 | 49291                 | 49241                  |          |        |        |        |               |        | 18               | 450      | 710     |
| 17 x 35 <sup>(4)</sup>  | 49198                 | 49148                  | 49408GY  | 49128  | 49168  | 49158  |               | 49118  | 18               | 450      | 711     |
| 17 x 44                 | 49393                 | 49343                  | 49303GY  | 49323  | 49363  | 49353  |               | 49313  | 12               | 300      | 717     |
| 17,5 x 27,8             |                       |                        | 49404GY  |        |        |        |               |        | 24               | 600      | 175     |
| 20 x 40                 | 49292                 | 49242                  | 49202GY  | 49222  | 49262  | 49252  |               | 49212  | 10               | 250      | 803     |

MG-TAA



PVC SF - 30°C + 60°C

UL94  
V0

RoHS  
COMPLIANT  
2011/65/EU

| Size mm                                                           | Type                  |                        |          |       |        |       |               |        | Labels per sheet | Quantity | SW code |
|-------------------------------------------------------------------|-----------------------|------------------------|----------|-------|--------|-------|---------------|--------|------------------|----------|---------|
|                                                                   | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey     | red   | blue   | green | Siemens green | black  |                  |          |         |
| 20 x 48                                                           | 49293                 | 49243                  | 49203GY  | 49223 | 49263  | 49253 |               | 49213  | 10               | 250      | 850     |
| 20 x 72                                                           | 49294                 | 49244                  | 49504GY  | 49224 | 49264  | 49254 |               | 49204  | 5                | 125      | 851     |
| 20 x 96                                                           | 49295                 | 49245                  | 49205GY  | 49225 | 49265  | 49255 |               | 49215  | 5                | 125      | 852     |
| 21 x 21                                                           | 49398N                | 49348N                 | 49308NGY |       |        |       |               | 49318N | 25               | 625      | 956     |
| 25 x 32                                                           | 49595                 |                        |          |       |        |       |               |        | 12               | 300      | 847     |
| 25 x 35                                                           | 49596                 |                        |          |       |        |       |               |        | 12               | 300      | 848     |
| 26 x 26                                                           | 49390N                |                        | 49300NGY |       | 49360N |       |               | 49310N | 9                | 225      | 953     |
| Schneider Télémecanique ZBZ-33, ZBZ-35                            |                       |                        |          |       |        |       |               |        |                  |          |         |
| 18 x 27                                                           | 49396                 | 49346                  | 49306GY  |       | 49366  |       |               | 49316  | 20               | 500      | 178     |
| Siemens 3SU1900-0AH10-0AA, Siemens 3SU1900-0AP10-0AA0             |                       |                        |          |       |        |       |               |        |                  |          |         |
| 17,5 x 27                                                         | 49598                 |                        | 49508GY  |       |        |       |               |        | 12               | 300      | 725     |
| Siemens 3SB3923-0AV, Siemens 3SB3943-0AX <input type="checkbox"/> |                       |                        |          |       |        |       |               |        |                  |          |         |
| 12,5 x 27                                                         | 49399                 |                        | 49309GY  |       |        |       |               | 49319  | 15               | 375      | 865     |
| 22 x 22                                                           | 49398                 | 49348                  | 49308GY  |       |        |       |               | 49318  | 12               | 300      | 866     |
| 27 x 27                                                           | 49390                 |                        | 49300GY  |       | 49360  |       |               | 49310  | 9                | 225      | 863     |

<sup>(1)</sup> Application: Siemens Sirius

<sup>(2)</sup> Application: Schneider Electric

<sup>(3)</sup> Application: ABB SNK LH

<sup>(4)</sup> Application: ABB SNK LH-R1

Directly on suitable surfaces.  
Use the 991611 ribbon to print -HF items.



support template MG2-PLT with PET blank MG2-TLT .....page 10  
ribbons.....page 11



# MG-VYT



## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### Labels

self adhesive, precut

Dielectric PVC film labels used for internal and external marking.

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

**Material:** PVC film

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

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



| Family  | Component     | Size mm   | Type                  |                        |                               |            |             |               |                    |               |              |                    | Labels per sheet | Quantity | SW code |
|---------|---------------|-----------|-----------------------|------------------------|-------------------------------|------------|-------------|---------------|--------------------|---------------|--------------|--------------------|------------------|----------|---------|
|         |               |           | white<br>(PVC99008WH) | yellow<br>(PVC99008YE) | metallic grey<br>(PVC99008GY) | red<br>(*) | blue<br>(*) | green*<br>(*) | light green<br>(*) | violet<br>(*) | black<br>(*) | transparent<br>(*) |                  |          |         |
| MG-VYT  | Allen Bradley | 5 x 12    | 46927                 | 46427                  | 46827                         |            |             |               |                    |               |              |                    | 120              | 6.000    | 195     |
|         |               | 6 x 15    | 46915                 | 46415                  | 46815                         | 46215      | 46615       | 46515         | 46515LG            | 46715         | 46115        |                    | 105              | 5.250    | 181     |
|         |               | 7 x 10    | 44891                 | 44841                  | 46891                         |            |             |               |                    |               |              |                    | 120              | 6.000    | 191     |
|         | Siemens       | 7 x 15    | 46928                 | 46428                  | 46828                         |            |             |               |                    |               |              |                    | 60               | 3.000    | 182     |
|         |               | 7 x 20    | 46935                 | 46435                  |                               |            |             |               |                    |               |              |                    | 60               | 3.000    | 190     |
|         |               | 8 x 12    | 46918                 | 46418                  | 46818                         |            |             |               |                    |               |              |                    | 96               | 4.800    | 192     |
|         | Telemecanique | 8 x 17    | 46923                 | 46423                  | 46823                         |            |             |               |                    |               |              |                    | 72               | 3.600    | 194     |
|         |               | 8 x 21    | 46924                 | 46424                  | 46824                         |            |             |               |                    |               |              |                    | 60               | 3.000    | 196     |
|         |               | 9 x 12    | 46914                 | 46414                  | 46814                         |            |             |               |                    |               |              |                    | 80               | 4.000    | 160     |
|         |               | 9 x 15    | 44895                 | 44845                  | 46895                         |            |             |               |                    |               |              |                    | 70               | 3.500    | 161     |
|         | Siemens       | 9 x 20    | 44896N                | 44846N                 | 46896N                        | 46296N     | 46696N      | 46596N        | 46596NLG           | 46796N        | 46196N       |                    | 55               | 2.750    | 162     |
|         |               | 9 x 35    | 46910N                | 46410N                 | 46810N                        |            |             |               |                    |               |              |                    | 33               | 1.650    | 164     |
|         |               | 15 x 15   | 46934                 | 46434                  | 46834                         |            |             |               |                    |               |              |                    | 49               | 2.450    | 183     |
|         |               | 15 x 17   | 46932N                | 46432N                 | 46832N                        |            |             |               |                    |               |              |                    | 42               | 2.100    | 185     |
|         |               | 15 x 27   | 46921N                | 46421N                 | 46821N                        |            |             |               |                    |               |              |                    | 28               | 1.400    | 186     |
|         |               | 15 x 49   | 46933N                | 46433N                 | 46833N                        |            |             |               |                    |               |              |                    | 14               | 700      | 187     |
|         |               | 20 x 35   |                       | 46444                  |                               |            |             |               |                    |               |              |                    | 15               | 750      | 607     |
|         |               | 20 x 62   | 46954                 | 46454                  |                               |            |             |               |                    |               |              |                    | 10               | 500      | 625     |
|         |               | 25 x 25   | 46931                 | 46431                  | 46831                         |            |             |               |                    |               |              |                    | 16               | 800      | 611     |
|         |               | 25 x 50   | 46925                 | 46425                  | 46825                         |            |             |               |                    |               |              |                    | 8                | 400      | 612     |
|         |               | 25 x 80   | 46926                 | 46426                  | 46826                         |            |             |               |                    |               |              |                    | 4                | 200      | 613     |
|         |               | 25 x 100  | 46938                 | 46438                  |                               |            |             |               |                    |               |              |                    | 4                | 200      | 614     |
|         |               | 32 x 58   | 46939                 | 46439                  | 46839                         | 46239      | 46639       | 46539         | 46539LG            | 46739         | 46139        |                    | 3                | 150      | 621     |
|         |               | 42 x 78   | 46922                 | 46422                  | 46822                         |            |             |               |                    |               |              |                    | 2                | 100      | 622     |
|         |               | 50 x 50   | 46929                 | 46429                  | 46829                         |            |             |               |                    |               |              |                    | 4                | 200      | 623     |
|         |               | 52 x 107  | 46911                 | 46411                  | 46811                         | 46211      | 46611       | 46511         | 46511LG            | 46711         | 46111        | 46011              | 2                | 100      | 624     |
|         |               | 62 x 88   | 46941                 | 46441                  | 46841                         |            |             |               |                    |               |              |                    | 1                | 50       | 625     |
|         |               | 105 x 110 | 46913                 | 46413                  | 46813                         | 46213      |             |               |                    |               |              |                    | 1                | 50       | 627     |
| MG2-VYT |               | 110 x 140 | 46942                 | 46442                  | 46842                         |            |             |               |                    |               |              |                    | 1                | 50       | 273     |

(\*) Not UL approved



Directly on suitable surfaces

support template with PET blank ..... page 10  
ribbons ..... page 11

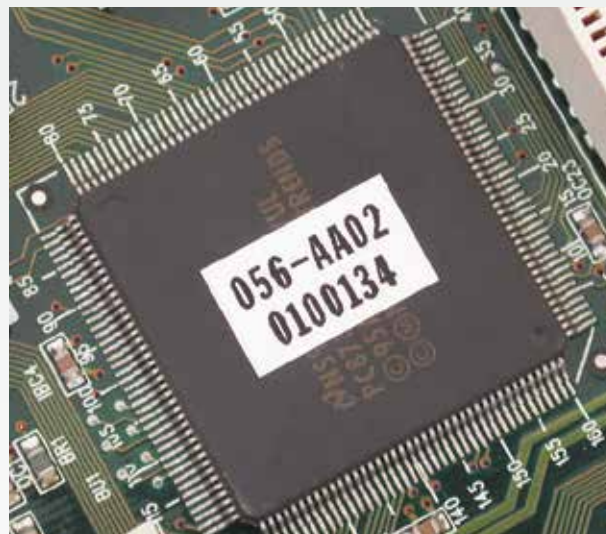
## Labels

*self adhesive, pre-cut*

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.

# MG-PYT



**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)



| Component | Size mm   | Type                  |                               | Labels per sheet | Quantity | SW code |
|-----------|-----------|-----------------------|-------------------------------|------------------|----------|---------|
|           |           | white<br>(PET99005WH) | metallic grey<br>(PET9/005YE) |                  |          |         |
| Siemens   | 6 x 15    | 47916                 | 47816                         | 105              | 5.250    | 181     |
|           | 7 x 10    | 47191                 | 47181                         | 120              | 6.000    | 191     |
|           | 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*



support template with PET blank .....page 10  
ribbons.....page 11



# MG-VCT

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### Labels

*self adhesive, precut*

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

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



**Material:** Cotton fabric coated with Acrylic

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

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



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



*Directly on suitable surfaces.*

support template with PET blank ..... page 10  
ribbons..... page 11



## 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       | Type                  |                        |               |         | Thickness mm | Legends per sheet | Quantity | SW code |
|---------------------------------------|---------------|-----------------------|------------------------|---------------|---------|--------------|-------------------|----------|---------|
|                                       |               | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | Siemens green | grey    |              |                   |          |         |
| PLC Siemens SIMATIC S7-300            | 17,5 x 103,5  | 71090                 | 71040                  | 71050         | 71000GY | 0,5          | 6                 | 60       | 882     |
|                                       | 22 x 38       | 71097                 | 71047                  |               |         | 0,5          | 10                | 100      | 904     |
|                                       | 22,75 x 103,5 | 71091                 | 71041                  | 71051         | 71001GY | 0,5          | 4                 | 40       | 883     |
| I/O Siemens SIMATIC ET 200S           | 12,7 x 50     | 71092                 | 71042                  | 71052         | 71002GY | 0,3          | 14                | 140      | 885     |
| PLC Siemens SIMATIC S7 Profisafe 6ES7 | 25,6 x 50     | 71094                 | 71044                  |               |         | 0,3          | 8                 | 80       | 895     |
| PLC Siemens SIMATIC S7-1500 KOMPAKT   | 12,7 x 109    | 71099                 | 71049                  | 71059         | 71009GY | 0,3          | 8                 | 80       | 897     |
| PLC Siemens SIMATIC S7-1500           | 22,75 x 109   | 71096                 | 71046                  | 71056         |         | 0,5          | 4                 | 40       | 896     |
| PLC Siemens SIMATIC ET 200SP          | 12,7 x 31     | 71098                 | 71048                  | 71058         | 71008GY | 0,3          | 21                | 210      | 900     |
| PLC Siemens SIMATIC                   | 52 x 80       |                       |                        | 71053         |         | 0,3          | 2                 | 20       | 889     |

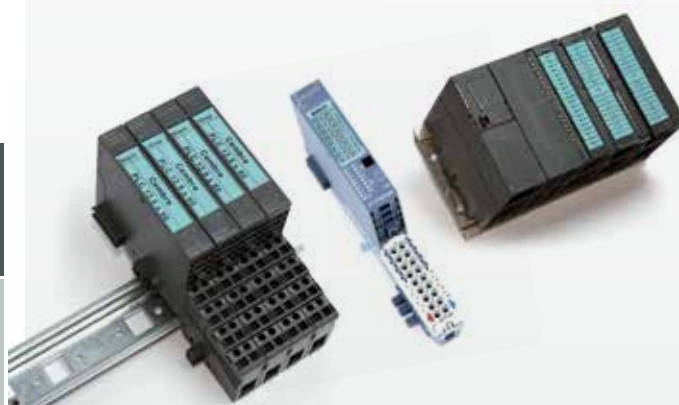


| Component                  | Size mm       | Type metallic grey | Thickness mm | Legends per sheet | Quantity | SW code |
|----------------------------|---------------|--------------------|--------------|-------------------|----------|---------|
| PLC Siemens SIMATIC S7-300 | 17,5 x 103,5  | 71000-HF           | 0,5          | 6                 | 60       | 882     |
|                            | 22,75 x 103,5 | 71001-HF           | 0,5          | 4                 | 40       | 883     |

Direct application to PLCs.



support template with PET blank .....page 10  
ribbons.....page 11



# MG-SAT



## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### Security labels

*ultradestructible and antitamper film, precut*

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

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

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

**Material:** matt Polyester film

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



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

**Material:** matt Polyester film

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



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

**Material:** film PE-HD

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



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



*Directly on suitable surfaces.*

support template with PET blank ..... page 10  
ribbons ..... page 11

## 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.

MG-17.5-R



**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)



| Family     | Component    | N° of modules | Size mm     | Type                  |                        |           |         |        |         | Tags per sheet | Quantity | SW code |
|------------|--------------|---------------|-------------|-----------------------|------------------------|-----------|---------|--------|---------|----------------|----------|---------|
|            |              |               |             | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey      | red     | blue   | black   |                |          |         |
| MG-17.5-R  | Bticino      | 6             | 12 x 105    | 990788N               |                        |           |         |        |         | 8              | 400      | 332     |
|            | Merlin Gerin | 1             | 15 x 17,5   | 990768N               | 990769N                | 990785NGY | 990863N |        | 990862N | 42             | 1.050    | 321     |
|            |              | 2             | 15 x 35     | 990766N               | 990767N                | 990784NGY | 990865N |        | 990864N | 21             | 1.050    | 322     |
|            |              | 3             | 15 x 52,5   | 990764N               | 990765N                | 990783NGY | 990908N |        | 990907N | 14             | 700      | 323     |
|            |              | 4             | 15 x 70     | 990762                | 990763                 | 990782GY  | 990912  |        | 990911  | 6              | 300      | 324     |
|            |              | 5             | 15 x 87,5   | 990755                | 990761                 | 990781GY  |         |        |         | 6              | 300      | 325     |
|            |              | 6             | 15 x 107,5  | 990798N               | 990799N                | 990809NGY | 990846  | 990847 |         | 7              | 350      | 329     |
|            |              | 1             | 25 x 18     | 990889                | 990895                 |           | 990900  |        | 990914  | 24             | 1.200    | 335     |
|            | Merlin Gerin | 1½            | 25 x 27     | 990891                | 990892                 |           | 990897  |        | 990915  | 16             | 800      | 334     |
|            | Merlin Gerin | 2             | 25 x 36     | 990888                | 990894                 |           | 990899  |        | 990916  | 12             | 600      | 336     |
|            | Merlin Gerin | 3             | 25 x 50     | 990887                | 990893                 |           | 990898  |        | 990917  | 8              | 400      | 337     |
|            | Merlin Gerin | 4             | 25 x 70     | 990890                | 990896                 |           | 990901  |        | 990918  | 4              | 200      | 338     |
| MG2-17.5-R |              | 1             | 37,5 x 17,5 | 990950                | 990951                 |           | 990952  |        | 990953  | 18             | 900      | 345     |
|            |              | 8             | 15 x 140    | 990883                | 990884                 |           |         |        |         | 7              | 350      | 331     |

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

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

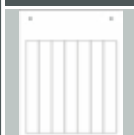


| Family    | N° of modules | Size mm    | Type metallic grey | Tags per sheet | Quantity | SW code |
|-----------|---------------|------------|--------------------|----------------|----------|---------|
| MG-17.5-R | 1             | 15 x 17,5  | 990785N-HF         | 42             | 1.050    | 321 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

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



support template with PET blank ..... page 10  
 ribbons ..... page 11  
 legend rails RT-TAP ..... page 128



# MG-17.5-A

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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 +120°C (+248°F)



| Family     | N° of modules | Size mm    | Type                  |                        |           |         |         |         |         | Tags per sheet | Quantity | SW code |
|------------|---------------|------------|-----------------------|------------------------|-----------|---------|---------|---------|---------|----------------|----------|---------|
|            |               |            | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey      | red     | blue    | green   | black   |                |          |         |
| MG-17.5-A  | 2             | 15 x 35    | 990753N               | 990820N                | 990822NGY | 990923N | 990963N | 990954N | 990913N | 21             | 525      | 922     |
|            | 6             | 15 x 107,5 | 990824                | 990826                 | 990827NGY | 990929  | 990926  | 990925  | 990833N | 7              | 175      | 929     |
|            | 6             | 20 x 107,5 | 990972                |                        |           |         |         |         |         | 5              | 125      | 946     |
|            | 1             | 25 x 18    | 990869                | 990878                 |           | 990905  |         |         | 990919  | 24             | 600      | 935     |
|            | 1½            | 25 x 27    | 990871                | 990872                 |           | 990902  |         |         | 990920  | 16             | 400      | 934     |
|            | 2             | 25 x 36    | 990868                | 990877                 |           | 990904  | 990970  |         | 990921  | 12             | 300      | 936     |
|            | 3             | 25 x 50    | 990867                | 990873                 |           | 990903  |         |         | 990922  | 8              | 200      | 937     |
|            | 4             | 25 x 70    | 990870                | 990879                 |           | 990906  |         |         | 990924  | 4              | 100      | 938     |
| MG2-17.5-A | 8             | 15 x 140   | 990880                | 990881                 |           |         |         |         |         | 7              | 175      | 931     |



| Family     | N° of modules | Size mm    | Type      |               | Tags per sheet | Quantity | SW code |
|------------|---------------|------------|-----------|---------------|----------------|----------|---------|
|            |               |            | white     | metallic grey |                |          |         |
| MG-17.5-A  | 2             | 15 x 35    |           | 990822N-HF    | 21             | 525      | 922     |
|            | 6             | 15 x 107,5 |           | 990827N-HF    | 7              | 175      | 929     |
|            | 6             | 20 x 107,5 | 990972-HF |               | 5              | 125      | 946     |
| MG2-17.5-A | 8             | 15 x 140   |           | 990882-HF     | 7              | 175      | 931     |



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

Directly on the panel.

support template with PET blank ..... page 10  
ribbons..... page 11

## Modular labels

15 mm, self adhesive, precut

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

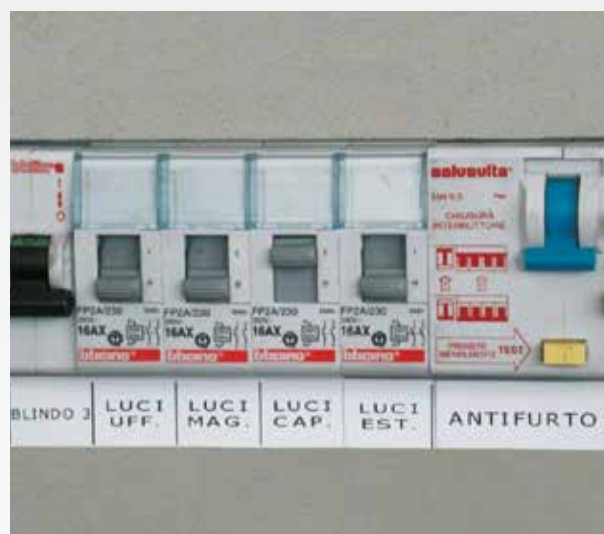
Consult us for availability of other colours. Note: UV resistance may vary between colours.

### MG-17.5-VY

**Material:** PVC film

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

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



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

### MG-17.5-PY

Metallic grey labels are used indoor.

**Material:** Polyester film

**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)



| Family     | N° of modules | Size mm    | Type                  |                               | Labels per sheet | Quantity | SW code |
|------------|---------------|------------|-----------------------|-------------------------------|------------------|----------|---------|
|            |               |            | white<br>(PET99005WH) | metallic grey<br>(PET99005GY) |                  |          |         |
| MG-17.5-PY | 6             | 15 x 107,5 | 990777N               | 990779N                       | 7                | 350      | 570     |

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



support template with PET blank ..... page 10  
ribbons ..... page 11  
modular backing strips ..... page 40





# MG-17.5-SB



## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### Modular backing strips

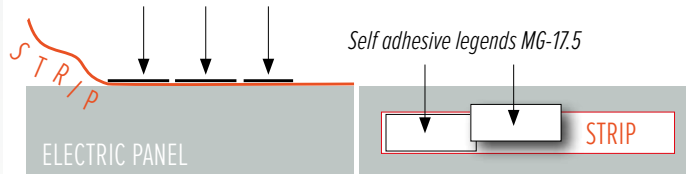
15 mm, precut

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)

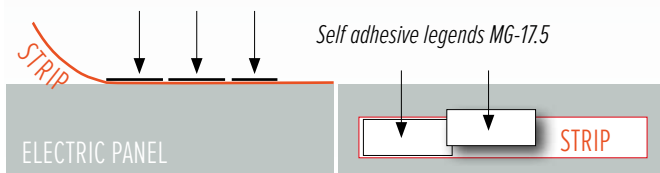
**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)



PVC 0.1mm SF -30°C +70°C



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



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

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

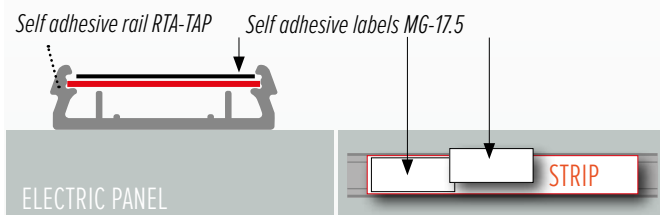
**Application temperature range:** +10°C (+50°F) to +40°C (+104°F)

PVC 0.7mm SF -30°C +60°C

UL94 V0



| self adhesive | Size mm  | Type               |                     | Thickness mm | Quantity |
|---------------|----------|--------------------|---------------------|--------------|----------|
|               |          | white (PVC10050WH) | yellow (PVC10050YE) |              |          |
| ✓             | 15 x 430 | 990759             | 990760              | 0,7          | 10       |



**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)

PVC 0.5mm SF -30°C +60°C

UL94 V0



| Size mm  | Type               |                     | Thickness mm | Quantity |
|----------|--------------------|---------------------|--------------|----------|
|          | white (PVC10050WH) | yellow (PVC10050YE) |              |          |
| 15 x 430 | 990757             | 990758              | 0,5          | 10       |



Directly on the panel.

modular legends MG-17.5 ..... page 37  
modular labels MG-17.5 ..... page 39  
rails RT-TAP ..... page 128

## Customisable panel plates

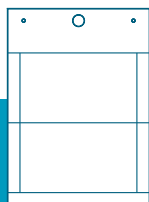
Print legend & rating plates with full colour logos.

- *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.

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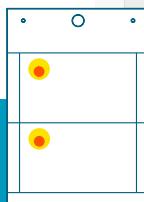
GMCK



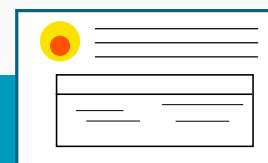
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COLOUR LOGO**



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



**RESULT A HIGH  
QUALITY PRINTED  
LEGEND OR RATING  
PLATE!**



Relevant performance standards:

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

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# MG-VRT-R



## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



| Family    | Size mm   | Type                  |                        |          |       |       |       | Cover | Tags per sheet | Quantity | SW code |
|-----------|-----------|-----------------------|------------------------|----------|-------|-------|-------|-------|----------------|----------|---------|
|           |           | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey     | red   | green | black |       |                |          |         |
| MG-VRT-R  | 25 x 80   | 48908                 | 48408                  |          |       |       |       |       | 4              | 200      | 861     |
|           | 25 x 100  |                       | 48405                  |          |       |       |       |       | 4              | 200      | 205     |
|           | 30 x 70   | 48929                 |                        |          |       |       |       |       | 3              | 150      | 820     |
|           | 32 x 58   | 48900N                | 48400N                 | 48700NGY |       |       |       | 47590 | 6              | 300      | 200     |
|           | 35 x 100  | 48917                 | 48417                  | 48717GY  | 48217 |       |       |       | 3              | 75       | 810     |
|           | 42 x 78   | 48901                 | 48401                  | 48701GY  |       |       |       | 47591 | 2              | 100      | 202     |
|           | 50 x 50   | 48918                 | 48418                  |          |       |       |       |       | 4              | 200      | 858     |
|           | 50 x 100  | 48997                 |                        |          |       |       |       |       | 2              | 50       | 844     |
|           | 52 x 107  | 48903                 | 48403                  | 48703GY  | 48223 |       | 48103 | 47592 | 2              | 100      | 204     |
|           | 60 x 100  | 48941                 |                        |          |       |       |       | 47596 | 1              | 50       | 821     |
|           | 62 x 88   | 48902                 | 48402                  | 48702GY  |       |       |       | 47594 | 1              | 50       | 203     |
|           | 92 x 118  | 48913                 | 48413                  | 48713GY  | 48213 | 48513 | 48113 | 47593 | 1              | 50       | 813     |
| MG2-VRT-R | 105 x 110 |                       |                        | 48704GY  |       |       |       |       | 1              | 50       | 859     |
|           | 102 x 138 | 48928                 | 48428                  | 48728GY  | 48228 |       | 48128 | 47595 | 1              | 50       | 207     |



*Directly on suitable surfaces.*

support template with PET blank ..... page 10  
 ribbons ..... page 11  
 transparent cover CPT ..... page 130

## Panel plates rivet fixing, Halogen free

*customisable*

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

Transparent Polycarbonate covers can be used for increased durability.

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.

# MG-VRT-R



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

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

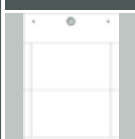


| Family    | Size mm   | Type metallic grey | Cover | Tags per sheet | Quantity | SW code |
|-----------|-----------|--------------------|-------|----------------|----------|---------|
| MG-VRT-R  | 32 x 58   | 48700N-HF          | 47590 | 6              | 300      | 200     |
|           | 35 x 100  | 48717-HF           |       | 3              | 75       | 810     |
|           | 42 x 78   | 48701-HF           | 47591 | 2              | 100      | 202     |
|           | 50 x 50   | 48718-HF           |       | 4              | 200      | 858     |
|           | 52 x 107  | 48703-HF           | 47592 | 2              | 100      | 204     |
|           | 62 x 88   | 48702-HF           | 47594 | 1              | 50       | 203     |
|           | 92 x 118  | 48713-HF           | 47593 | 1              | 50       | 813     |
| MG2-VRT-R | 102 x 138 | 48728-HF           | 47595 | 1              | 50       | 207     |

Directly on suitable surfaces.  
Use the 991611 ribbon to print -HF items.



support template with PET blank ..... page 10  
ribbons ..... page 11  
transparent cover CPT ..... page 130



# MG-VRT-RH

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



| Family     | Size mm   | Type                  |                        |         |       |       |       | Ø mm Holes | Tags per sheet | Quantity | SW code |
|------------|-----------|-----------------------|------------------------|---------|-------|-------|-------|------------|----------------|----------|---------|
|            |           | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey    | red   | blue  | black |            |                |          |         |
| MG-VRT-RH  | 15 x 52   | 48924                 |                        |         |       |       | 48129 | 2          | 14             | 350      | 831     |
|            | 15 x 80   | 48938                 | 48438                  |         |       |       |       | 2          | 7              | 175      | 828     |
|            | 25 x 50   | 48906                 | 48406                  | 48806GY |       | 48606 |       | 2          | 8              | 200      | 860     |
|            | 25 x 75   | 48907                 | 48407                  |         |       |       |       | 2          | 4              | 100      | 809     |
|            | 25 x 80   | 48931                 |                        |         |       |       | 48131 | 2          | 4              | 100      | 832     |
|            | 25 x 100  | 48914                 | 48414                  |         |       |       | 48114 | 2          | 4              | 200      | 206     |
|            | 35 x 50   | 48930                 |                        |         |       |       | 48130 | 2          | 6              | 150      | 833     |
|            | 35 x 80   | 48937                 | 48437                  |         | 48237 | 48637 |       | 2          | 3              | 75       | 827     |
|            | 35 x 100  | 48909                 | 48409                  |         |       |       |       | 2          | 3              | 75       | 818     |
|            | 50 x 100  | 48911                 | 48411                  | 48811GY |       |       |       | 4          | 2              | 50       | 811     |
|            | 75 x 120  | 48915                 | 48415                  |         | 48215 |       | 48115 | 4          | 1              | 50       | 816     |
|            | 105 x 110 | 48912                 | 48412                  | 48712GY |       |       |       | 4          | 1              | 25       | 859     |
| MG2-VRT-RH | 29 x 140  | 48932                 |                        |         |       |       | 48132 | 2          | 3              | 75       | 834     |
|            | 35 x 142  | 48923                 |                        |         |       |       |       | 2          | 3              | 150      | 835     |
|            | 50 x 140  | 48919                 |                        |         |       |       |       | 4          | 2              | 50       | 872     |
|            | 60 x 100  | 48927                 |                        |         |       |       |       | 4          | 2              | 50       | 842     |
|            | 82 x 142  | 48921                 | 48421                  |         |       |       |       | 4          | 1              | 50       | 836     |



Directly on suitable surfaces.

support template with PET blank ..... page 10  
ribbons ..... page 11



## Panel plates rivet fixing with holes, Halogen free

*customisable*

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

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.

# MG-VRT-RH



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

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

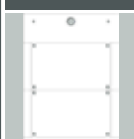


| Family     | Size mm   | Type     |               | Ø mm Holes | Tags per sheet | Quantity | SW code |
|------------|-----------|----------|---------------|------------|----------------|----------|---------|
|            |           | white    | metallic grey |            |                |          |         |
| MG-VRT-RH  | 15 x 52   | 48924-HF |               | 2          | 14             | 350      | 831     |
|            | 25 x 50   |          | 48806-HF      | 2          | 8              | 200      | 860     |
|            | 25 x 75   | 48907-HF |               | 2          | 4              | 100      | 809     |
|            | 25 x 80   | 48931-HF |               | 2          | 4              | 100      | 832     |
|            | 35 x 50   | 48930-HF |               | 2          | 6              | 150      | 833     |
|            | 50 x 100  |          | 48811-HF      | 4          | 2              | 50       | 811     |
|            | 105 x 110 |          | 48712-HF      | 4          | 1              | 25       | 859     |
| MG2-VRT-RH | 29 x 140  | 48932-HF |               | 2          | 3              | 75       | 834     |
|            | 35 x 142  | 48923-HF |               | 2          | 3              | 150      | 835     |
|            | 50 x 140  | 48919-HF |               | 4          | 2              | 50       | 872     |

Directly on suitable surfaces.  
Use the 991611 ribbon to print -HF items.



support template with PET blank .....page 10  
ribbons.....page 11



# MG-VRT-A

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



| Family    | Size mm   | Type                  |                        |          |        |        |       |        | Cover | Tags per sheet | Quantity | SW code |
|-----------|-----------|-----------------------|------------------------|----------|--------|--------|-------|--------|-------|----------------|----------|---------|
|           |           | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey     | red    | blue   | green | black  |       |                |          |         |
| MG-VRT-A  | 25 x 50   | 88916                 | 88416                  | 88716GY  | 88216  | 88616  | 88516 | 88116  |       | 8              | 200      | 853     |
|           | 25 x 80   | 88908                 | 88408                  | 88708GY  | 88208  | 88608  |       | 88108  |       | 4              | 100      | 861     |
|           | 25 x 100  | 88905                 | 88405                  |          | 88205  | 88605  |       | 88005  |       | 4              | 100      | 205     |
|           | 32 x 58   | 88900N                | 88400N                 | 88700NGY | 88200N | 88600N |       | 88000N | 47590 | 6              | 150      | 200     |
|           | 35 x 75   | 88945                 | 88445                  |          |        |        |       |        |       | 3              | 75       | 825     |
|           | 35 x 100  | 88917                 | 88417                  | 88717GY  | 88217  | 88617  | 88517 | 88007  |       | 3              | 75       | 810     |
|           | 42 x 78   | 88901                 | 88401                  | 88701GY  | 88201  | 88601  |       | 88101  | 47591 | 2              | 50       | 202     |
|           | 50 x 50   | 88918                 | 88418                  |          |        |        |       | 88118  |       | 4              | 100      | 858     |
|           | 52 x 107  | 88903                 | 88403                  | 88703GY  | 88203  | 88603  |       | 88103  | 47592 | 2              | 50       | 204     |
|           | 57 x 87,5 | 88971                 |                        | 88771GY  |        |        |       |        |       | 2              | 50       | 841     |
|           | 62 x 88   | 88902                 | 88402                  | 88702GY  |        |        |       |        | 47594 | 1              | 25       | 203     |
|           | 92 x 118  | 88913                 | 88413                  | 88713GY  | 88213  | 88613  |       | 88113  | 47593 | 1              | 25       | 813     |
|           | 105 x 110 | 88904                 | 88404                  | 88704GY  | 88204  |        |       |        |       | 1              | 25       | 812     |
| MG2-VRT-A | 25 x 140  | 88946                 | 88446                  |          |        |        |       |        |       | 4              | 100      | 824     |
|           | 40 x 138  | 88935                 |                        | 88735GY  | 88235  |        |       | 88135  |       | 2              | 50       | 822     |
|           | 60 x 100  | 88962                 |                        |          |        |        |       |        |       | 2              | 50       | 821     |
|           | 65 x 122  | 88963                 |                        |          |        |        |       |        |       | 1              | 25       | 845     |
|           | 90 x 140  | 88964                 |                        |          |        |        |       |        |       | 1              | 25       | 846     |
|           | 102 x 138 | 88928                 | 88428                  | 88728GY  | 88228  | 88628  |       | 88128  | 47595 | 1              | 25       | 207     |



Directly on suitable surfaces.

support template with PET blank ..... page 10  
 ribbons ..... page 11  
 transparent cover CPT ..... page 130

## Panel plates self adhesive, Halogen free

*customisable*

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

Consult us for availability of other colours and transparent versions.

Note: UV resistance may vary between colours.

# MG-VRT-A



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

**Operating temperature range:**  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ ) to  $+120^{\circ}\text{C}$  ( $+248^{\circ}\text{F}$ )

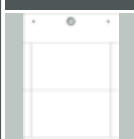


| Family    | Size mm   | Type     |               | Cover | Tags per sheet | Quantity | SW code |
|-----------|-----------|----------|---------------|-------|----------------|----------|---------|
|           |           | white    | metallic grey |       |                |          |         |
| MG-VRT-A  | 20 x 110  |          | 88765-HF      |       | 5              | 125      | 779     |
|           | 25 x 50   |          | 88716-HF      |       | 8              | 200      | 853     |
|           | 25 x 80   |          | 88708-HF      |       | 4              | 100      | 861     |
|           | 32 x 58   |          | 88700N-HF     | 47590 | 6              | 150      | 200     |
|           | 35 x 100  |          | 88717-HF      |       | 3              | 75       | 810     |
|           | 42 x 78   | 88901-HF | 88701-HF      | 47591 | 2              | 50       | 202     |
|           | 52 x 107  | 88903-HF | 88703-HF      | 47592 | 2              | 50       | 204     |
|           | 57 x 87,5 |          | 88771-HF      |       | 2              | 50       | 841     |
|           | 62 x 88   |          | 88702-HF      | 47594 | 1              | 25       | 203     |
|           | 92 x 118  |          | 88713-HF      | 47593 | 1              | 25       | 813     |
|           | 105 x 110 |          | 88704-HF      |       | 1              | 25       | 812     |
| MG2-VRT-A | 40 x 138  |          | 88735-HF      |       | 2              | 50       | 822     |
|           | 102 x 138 | 88928-HF | 88728-HF      | 47595 | 1              | 25       | 207     |

Directly on suitable surfaces.  
Use the 991611 ribbon to print -HF items.



support template with PET blank .....page 10  
ribbons.....page 11  
transparent cover CPT.....page 130



# MG-VRT-AH

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### 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)



| Family     | Size mm   | Type                  |                        |         |       |       |       | Ø mm Holes | Tags per sheet | Quantity | SW code |
|------------|-----------|-----------------------|------------------------|---------|-------|-------|-------|------------|----------------|----------|---------|
|            |           | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | grey    | red   | blue  | black |            |                |          |         |
| MG-VRT-AH  | 15 x 52   | 88940                 |                        |         |       |       | 88140 | 2          | 14             | 350      | 831     |
|            | 20 x 40   | 88920                 | 88420                  | 88720GY |       |       |       | 2          | 10             | 250      | 864     |
|            | 25 x 50   | 88906                 | 88406                  |         |       |       |       | 2          | 8              | 200      | 860     |
|            | 25 x 75   | 88907                 | 88407                  |         | 88207 |       |       | 2          | 4              | 100      | 809     |
|            | 25 x 80   | 88942                 |                        |         |       |       | 88142 | 2          | 4              | 100      | 832     |
|            | 25 x 100  | 88914                 | 88414                  |         | 88214 |       |       | 2          | 4              | 100      | 206     |
|            | 35 x 50   | 88941                 |                        |         |       |       | 88141 | 2          | 6              | 150      | 833     |
|            | 35 x 75   | 88929                 |                        |         |       |       |       | 2          | 3              | 75       | 817     |
|            | 35 x 85   | 88944                 |                        |         |       |       |       | 2          | 3              | 75       | 823     |
|            | 35 x 100  | 88909                 | 88409                  |         |       |       |       | 2          | 3              | 75       | 818     |
|            | 35 x 100  | 88910                 | 88410                  |         |       |       |       | 4          | 3              | 75       | 818     |
|            | 42 x 78   | 88922                 | 88422                  |         |       |       |       | 2          | 2              | 50       | 819     |
|            | 50 x 100  | 88911                 | 88411                  |         | 88211 |       |       | 4          | 2              | 50       | 811     |
|            | 75 x 120  | 88915                 | 88415                  |         |       |       | 88115 | 4          | 1              | 25       | 816     |
|            | 105 x 110 | 88912                 | 88412                  | 88712GY |       |       |       | 4          | 1              | 25       | 859     |
| MG2-VRT-AH | 25 x 140  | 88927                 | 88427                  |         |       |       |       | 2          | 4              | 100      | 871     |
|            | 29 x 140  | 88943                 |                        |         |       |       | 88143 | 2          | 3              | 75       | 834     |
|            | 30 x 115  | 88967                 | 88467                  |         |       |       |       | 2          | 3              | 75       | 780     |
|            | 35 x 142  | 88939                 |                        |         |       |       |       | 2          | 3              | 75       | 835     |
|            | 40 x 150  | 88968                 | 88468                  |         |       |       |       | 2          | 2              | 50       | 781     |
|            | 50 x 140  | 88919                 |                        |         |       | 88619 |       | 4          | 2              | 50       | 872     |
|            | 50 x 150  | 88956                 |                        |         |       |       |       | 4          | 2              | 50       | 843     |
|            | 82 x 142  | 88938                 |                        |         |       |       |       | 4          | 1              | 25       | 836     |
|            | 102 x 138 |                       |                        |         | 88237 | 88637 |       | 4          | 1              | 25       | 208     |



Directly on suitable surfaces.

support template with PET blank ..... page 10  
ribbons ..... page 11

## Panel plates self adhesive with holes

*customisable*

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

Consult us for availability of other colours.

Note: UV resistance may vary between colours.

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

**Operating temperature range:** -40°C (-40°F) to +120°C (+248°F)

# MG-VRT-AH



**PC** **HF** **SF** **-40°C** **+120°C**

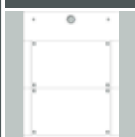
**UL94**  
**V0** **RoHS**  
COMPLIANT  
2011/65/EU

| Family    | Size mm   | Type     |               | Ø mm Holes | Tags per sheet | Quantity | SW code |
|-----------|-----------|----------|---------------|------------|----------------|----------|---------|
|           |           | yellow   | metallic grey |            |                |          |         |
| MG-VRT-AH | 20 x 40   |          | 88720-HF      | 2          | 10             | 250      | 864     |
|           | 50 x 100  |          | 88711-HF      | 4          | 2              | 50       | 811     |
|           | 75 x 120  | 88415-HF |               | 4          | 1              | 25       | 816     |
|           | 105 x 110 |          | 88712-HF      | 4          | 1              | 25       | 859     |

Directly on suitable surfaces.  
Use the 991611 ribbon to print -HF items.

*i*

support template with PET blank .....page 10  
ribbons.....page 11





# MG-SIGNS

## THERMAL TRANSFER SYSTEM FOR SHEET MEDIA

### Panel legends



#### precut

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

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



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



| Family     | Shape | Self adhesive | Size mm  | Type                  |                        |        | Ø mm Holes | Tags per sheet | Quantity | SW code |
|------------|-------|---------------|----------|-----------------------|------------------------|--------|------------|----------------|----------|---------|
|            |       |               |          | white<br>(PVC10050WH) | yellow<br>(PVC10050YE) | red    |            |                |          |         |
| MG-SIGNS-R |       |               | 37 x 74  |                       | 990713                 |        |            | 2              | 100      | 271     |
|            |       |               | 52 x 105 |                       | 990714                 |        |            | 2              | 100      | 272     |
|            |       |               | Ø 62     |                       | 990743                 |        | 22,5       | 2              | 50       | 252     |
|            |       |               | Ø 62     | 990930                |                        |        | 30         | 2              | 50       | 265     |
|            |       |               | Ø 90     |                       | 990744                 |        | 22,5       | 1              | 50       | 263     |
|            |       |               | Ø 90     |                       | 990745                 |        | 30,5       | 1              | 50       | 264     |
| MG-SIGNS-A |       | ✓             | 100      |                       | 990704                 |        |            | 1              | 50       | 262     |
|            |       | ✓             | Ø 40     | 990927                | 990928                 | 990858 |            | 4              | 200      | 250     |
|            |       | ✓             | Ø 100    | 990705                |                        |        |            | 1              | 50       | 253     |
|            |       | ✓             | 37 x 74  |                       | 990711                 |        |            | 2              | 100      | 271     |
|            |       | ✓             | 52 x 105 |                       | 990712                 |        |            | 2              | 100      | 272     |



|  |                                                                       |
|--|-----------------------------------------------------------------------|
|  | Directly on suitable surfaces.                                        |
|  | support template with PET blank ..... page 10<br>ribbons..... page 11 |

## Panel labels

*self adhesive, precut*

The MG-SIGNS labels is used for in-house production of warning, hazard, prohibition and mandatory signs from pictograms provided in the library of GENIUSPRO software. A highly versatile system for rapidly and accurately producing signs in all languages, on a one-off basis if required.

### MG-SIGNS-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)

## MG-SIGNS



| Family       | Shape | Size mm  | Type                  |                        |            | Ø mm Holes | Labels per sheet | Quantity | SW code |
|--------------|-------|----------|-----------------------|------------------------|------------|------------|------------------|----------|---------|
|              |       |          | white<br>(PVC99008WH) | yellow<br>(PVC99008YE) | red<br>(*) |            |                  |          |         |
| MG-SIGNS-VY  |       | 50       |                       | 990700N                |            |            | 4                | 200      | 241     |
|              |       | 100      |                       | 990701                 |            |            | 1                | 50       | 242     |
|              |       | 50       |                       | 990857                 |            |            | 4                | 200      | 260     |
|              |       | Ø 25     | 990860                | 990859                 | 990992     |            | 12               | 600      | 236     |
|              |       | Ø 100    | 990702                | 990866                 |            |            | 1                | 50       | 238     |
|              |       | 37 x 74  |                       | 990709                 |            |            | 2                | 100      | 246     |
|              |       | 52 x 105 | 990825                | 990710                 |            |            | 2                | 100      | 247     |
|              |       | 62       |                       | 990740                 |            |            | 1                | 50       | 232     |
|              |       | 90       |                       | 990741                 |            | 22,5       | 1                | 50       | 233     |
|              |       | 90       |                       | 990742                 |            | 22,5       | 1                | 50       | 234     |
| MG2-SIGNS-VY |       | 45 x 150 | 990991                |                        |            | 30,5       | 2                | 100      | 275     |

### MG-SIGNS-PY

(\*) Not UL approved

**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)



| Family      | Shape | Size mm | Type metallic grey (PET99005GY) | Ø mm Holes | Tags per sheet | Quantity | SW code |
|-------------|-------|---------|---------------------------------|------------|----------------|----------|---------|
| MG-SIGNS-PY |       | 46 x 46 | 47826                           | 24         | 4              | 200      | 230     |

*Directly on suitable surfaces.*

support template with PET blank .....page 10  
ribbons.....page 11

