

# Marking systems for the entire cabinet

## MultiMark is the smart all-in-one solution

Let's connect.

MultiMark marking system



# Identification with MultiMark

## The concept for cost-effective marking

Industry 4.0 is leading to increasingly complex connection technology and a correspondingly high demand for systematic and fast identification inside the control cabinet.

MultiMark is a marking system that perfectly addresses today's requirements with coordinated software and printer technology, while also proving to be extremely cost-effective for small and medium sized projects

### Clear structure at first sight

The higher the level of automation, the more complex the structure of a control cabinet. Electrical connectivity has made it more important than ever for installed components to be properly labelled. If servicing needs to be carried out, the cabinet must appear orderly and comprehensible at first glance.

This is where the marking system comes to the fore. It is also an important safety feature of the cabinet infrastructure.

### Small projects, high standards

With MultiMark you have a fast and reliable marking system at your disposal for seamlessly implementing virtually any kind of marking. Terminals, wires, cables or devices – the MultiMark product family offers a well-structured, practical range of markers linked to our advanced configuration software M-Print® PRO for all areas of use.

Cost-effectiveness, in particular for small and medium print volumes, results from the integration of the THM MultiMark rapid thermal transfer printer – without compromising the quality. Markings are easy to read and resistant to external influences.



Identification is indispensable for all electrical equipment – for ease of installation, safe operation and efficient maintenance. With MultiMark you don't have to make compromises and can rely on a cost-effective system of software, printers and markers.



High-end or solid basics – Weidmüller offers you a choice of systems. Always tailored to your requirements.

## Systemised marking for optimised processes

Professional and standardised marking in accordance with IEC 60204-1 is a pre-requisite for fault-free operation and reliable maintenance of industrial facilities. Weidmüller offers more than the norm: “systemised marking” – a perfectly coordinated range of products for optimised processes.



**Software:** Intuitive to use and tailored to your requirements. Import, edit and manage data with ease with the M-Print® PRO software.

### Your marking needs

Your primary expectation of a marking system is that it clearly shows how your components are configured. This includes a precise print image as well as convenient handling and the guarantee of usability in an industrial environment. The software should provide you with optimum support during data entry and management, and during marker output the speed should be adaptable to your needs.



**Printers:** Laser, ink or thermal transfer. Industrial printing systems for all requirements. Forward-looking design, in line with your requirements now and in the future.

### The marking result

You will be thrilled by Weidmüller’s marking systems. We don’t just offer you a complete, convenient process chain from data entry to ready-to-use markers for your individual cabinet configuration. Our marking solutions are already geared towards the future requirements of progressive automation. Indeed, they are one step ahead of being simply state-of-the-art!



**Markers:** Targeted solutions for all cabinet applications – from shrink sleeves to metal markers.

# MultiMark in use

## Professional and user-friendly

### Marking: added value for every system

Standards and guidelines call for correct presentation and identification of installed components and associated documentation. The systematic use of MultiMark will put you on the right track to documenting your system in a meaningful way.

### User-friendly Usage and handling

The outstanding properties of the different marker types make it easy for you to use MultiMark as an all-purpose marking system. Durable material, strong adhesive labels, perforations – each and every detail has been carefully considered and subjected to extensive practical tests.

**Your benefits with MultiMark**

- Over 600 marking products on offer
- Practically all identification requirements are taken care of
- Fast printing, fast identification
- Handling benefits, e.g. for terminal markers
- Excellent material properties
- Convenient handling
- Clear print image



SM/CC: Eye-catching and highly adhesive equipment labels - ensure that devices are used correctly



DEK/WS/MF: Flexible connector markers - print, clip, finished



WM: Wire markers installed without tools - simply edit your projects on a computer then print on a reel



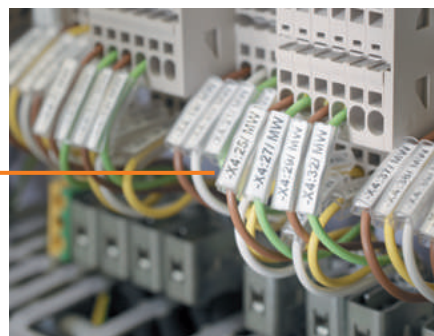




ESG: All-purpose equipment identification - simple labelling of markers for quick identification of components



SFX: Highly flexible cable markers - determine the maximum diameter from the length of the cable tie



TM-I: Plug-in wire markers - easy to install before and after the sleeve assembly

# Thermal transfer printer THM MultiMark

## The compact all-rounder



All-rounder THM MultiMark: the printer handles marking jobs that would otherwise need to be done by several different devices.

### The only printer you will need for your marking tasks

The THM MultiMark is a compact and modularly constructed thermal transfer printer that makes full use of its many advantages and high number of potential uses. The integrated cutting and perforation option enables continuous materials to be cut to any length – making your work considerably easier when it comes to cutting and assigning the respective labels. The printer edits markers and labels as well as continuous materials, textile and polyester labels, heat shrink sleeves and PLC labels. Snap-on terminal markers are printed using a separate print

contact pressure roller, which can be changed in just 30 seconds. Another plus: the device is very easy to operate thanks to an intuitive touch display and clear status indicators – in 22 languages. The compact design and low weight of 3.5 kg also ensures that the THM MultiMark printer really can be used anywhere, e.g. as a mobile printer for your on-site jobs.

### Your benefits with MultiMark

- A printer for all jobs
- Ideal for small and medium print volumes
- Virtually maintenance-free thanks to thermal transfer technology
- Excellent readability (resolution: 300 dpi)
- Flexibility provided by modular perforation and cutting unit
- The contact pressure roller can be changed in 30 seconds
- High output, from 250 Dekafix markers/min.

## Dekafix, WS and MultiFit terminal markers

### Make your labelling more efficient



The smart composite material ensures perfect usage and handling. The hard, solid plastic base enables the marker to be reliably snapped into place, while the elastic outer material is very easy to grip and makes installation easier.

#### Snaps securely into place in combination

With a marking system for terminal markers you expect the markers to be printed quickly and just as quickly snapped into place. The markers also need to have a high resistance to shocks and vibration. Our terminal markers meet these requirements in full.

MultiMark terminal markers make use of an innovative composite material of two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy and ergonomic to mount.

Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a easy to read script.

#### The adaptable range of markers

For manufacturer-independent marking of components, we have developed the adaptable MultiFit marker range. Without giving up the highly professional printing with Weidmüller's marking system, you can use your usual components from other manufacturers, and combine them with Weidmüller's MultiFit markers.

#### Your benefits with MultiMark

- Manufacturer-independent terminal marking
- Firm hold and durable printing
- Continuous strip marker saves installation time
- Easy mounting thanks to an innovative composite material
- Large text field enables best readability



## TM-I, WM, SFX and HS wire and cable markers

### Make your connections visible

A control cabinet can only pass the acceptance test if the various circuits can be unequivocally identified. Using our markers to uniquely identify wires and cables lets you make the most of your options and profit from a range of additional benefits.

#### Process reliability: TM-I

TM-I insert tags have a guide tab which enables them to slide easily into the transparent sleeves. Once the label is in place, the tab can be snapped off at the predetermined break point. The ready-assembled sleeves are then simply pushed over the wires. Your benefits: large quantities can be efficiently pre-assembled in a single step. This saves both time and money.

#### Un-detachable: WM

Our closed, un-detachable markers are mounted without the need for additional tools. The cable is simply threaded through the openings at both ends before wiring takes place. The inherent tension of the material fixes the marker in place. WM markers are available in four sizes for wire cross-sections from 0.25 mm<sup>2</sup> to 16 mm<sup>2</sup>. For each size you can choose from three label lengths and two colours. This provides you with just the right assortment for carrying out the everyday task of labelling conductors in a control cabinet.



Processing reliability thanks to the precisely placed break point. The TM-I is inserted into the sleeve in no time at all: push in, bend up and down and you're done.



WM markers are available in four sizes for wire cross-sections from 0.25 mm<sup>2</sup> to 16 mm<sup>2</sup>.



### Highly flexible: SFX

SFX markers are the preferred choice for identifying cables if you opt for a classic cable tie solution. Cables do not by nature always run in a straight line. The material used in SFX markers addresses this circumstance with highly flexible polyurethane. The marker follows every curve of the cable and latches on without resistance.

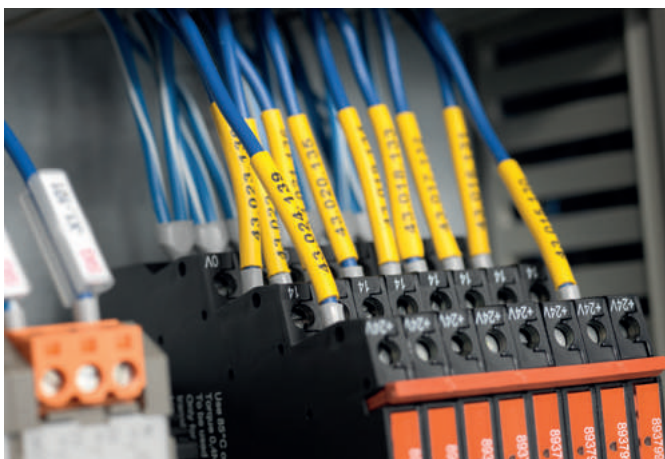
SFX markers are used for cable diameters of 7.0 mm and above. You set the upper limit yourself by the length of the cable tie. Various formats are available to enable the marker surface to be used optimally. This helps to take care of most of your labelling needs.



Our SFX series of cable markers are made from extremely flexible polyurethane and adapt to the cable routing. Available for cable diameters 7.0 mm and above.

### Space-saving: HS

The shrink sleeve's oval contour makes mounting the marker on the cable easier. This saves time while identifying wires and cables. Once the tube has been shrunk, an optimum fit is achieved and the wire is marked in a space-saving manner. All materials are printed in a customised manner in combination with the intuitive M-Print® PRO labelling software, which offers a number of import opportunities. Once you have set the desired marker length in the software for the HSS-...EL marker, the perforations are automatically added by the perforating appliance.



Firm, adjustable seating after shrinking the sleeve onto the wire.

### Your benefits with MultiMark

- Compact, practical range of products
- Quickly printed and assembled
- Reliable identification of your connections
- Excellent material properties

# Device markers SM, CC, ESG, EL and THM MT 30X

## Make your systems secure

Nameplates, warning signs or functional labels for control and signaling equipment – device marking ensures that machinery and equipment is used correctly and is indispensable in the control cabinet.

### Prevent incorrect operation: SM

MultiMark device markers can be used for identifying equipment from multiple manufacturers. In various areas of application they guarantee the clear assignment of all components, such as control and signaling devices from different vendors.

### Standard included: CC

Our systematically coordinated product range includes labels for identifying standard components, as well as all purpose and familiar formats: such as the CC 85/54 marker for creating nameplates.

### Longevity guaranteed: ESG

The multi-coloured and formatted labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

### Customised Identification: EL

The endless variations of MultiMark markers make them an economical alternative to conventional tag rails or special labels. For any given width, the length can be precisely configured by the software to match the respective markers perfectly. A blade is used to cut the labels individually to the specified size. Perfect for producing large labels for function blocks or complete terminal blocks.

### Resistant device markers: THM MT 30X

Our powerful self-adhesive labels for equipment identification and the use of different materials for your application means that superior standards of labelling are achieved.

Always in the right place: the strong adhesive polyester labels are particularly suitable for labelling equipment.



### Your benefits with MultiMark

- Double or single laminated polyester
- Can be used with the equipment of many manufacturers
- Device markers with a familiar design

# Ordering data

## DEK, WS terminal markers

### Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

### Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2007100000	DEK 5/3.5 MM WS	○	White	5 mm	3.5 mm	1000
2007110000	DEK 5/5 MM WS	○	White	5 mm	5 mm	800
2007120000	DEK 5/6 MM WS	○	White	5 mm	6 mm	600
2007130000	DEK 5/8 MM WS	○	White	5 mm	8 mm	500
2448860000	DEK-A 5/8 MM WS	○	White	5 mm	8.1 mm	500
2007140000	WS 8/3.5 MM WS	○	White	8 mm	3.5 mm	1000
2007150000	WS 8/5 MM WS	○	White	8 mm	5 mm	800
2007160000	WS 8/6 MM WS	○	White	8 mm	6 mm	600
2007170000	WS 8/8 MM WS	○	White	8 mm	8 mm	500
2448930000	WS-A 8/8 MM WS	○	White	8 mm	8.1 mm	500
2007180000	WS 12/3.5 MM WS	○	White	12 mm	3.5 mm	1000
2007190000	WS 12/5 MM WS	○	White	12 mm	5 mm	800
2007200000	WS 12/6 MM WS	○	White	12 mm	6 mm	600
2007210000	WS 12/8 MM WS	○	White	12 mm	8 mm	500
2448920000	WS-A 12/8 MM WS	○	White	12 mm	8.1 mm	500



## MultiFit terminal markers

### Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
PC-ABS, TPU	-50...90 °C	V-2		2005090000	RIBBON MM-TB 25/360 SW

### Ordering data

Order No.	Type		Colour	Height	Width	Qty.
2519170000	MF 10/5 MM WS	○	White	10 mm	5 mm	600
2519180000	MF 10/6 MM WS	○	White	10 mm	6 mm	500
2519190000	MF 10/8 MM WS	○	White	10 mm	8 mm	400
2519200000	MF 5/5 MM WS	○	White	5 mm	5 mm	1200
2519210000	MF 5/6 MM WS	○	White	5 mm	6 mm	1000
2518500000	MF 8/5 MM WS	○	White	5 mm	8 mm	600
2519220000	MF-W 5/5 MINI MM WS	○	White	5 mm	5 mm	800
2519230000	MF-W 9/5 MM WS	○	White	9 mm	5 mm	1200
2519250000	MF-W 9/5.2 F MM WS	○	White	9 mm	5.2 mm	800
2519240000	MF-W 9/5 F MM WS	○	White	9 mm	5 mm	800



TM-I wire markers

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		2005080000	RIBBON MM 76/360 SW



Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2005890000	TM-I 12 MM BL	● Blue	12 mm	4 mm	2000
2005550000	TM-I 12 MM GE	● Yellow	12 mm	4 mm	2000
2005730000	TM-I 12 MM RT	● Red	12 mm	4 mm	2000
2005440000	TM-I 12 MM WS	○ White	12 mm	4 mm	2000
2005910000	TM-I 15 MM BL	● Blue	15 mm	4 mm	2000
2005580000	TM-I 15 MM GE	● Yellow	15 mm	4 mm	2000
2005760000	TM-I 15 MM RT	● Red	15 mm	4 mm	2000
2005450000	TM-I 15 MM WS	○ White	15 mm	4 mm	2000
2005930000	TM-I 18 MM BL	● Blue	18 mm	4 mm	2000
2005610000	TM-I 18 MM GE	● Yellow	18 mm	4 mm	2000
2005790000	TM-I 18 MM RT	● Red	18 mm	4 mm	2000
2005470000	TM-I 18 MM WS	○ White	18 mm	4 mm	2000
2005950000	TM-I 20 MM BL	● Blue	20 mm	4 mm	2000
2005640000	TM-I 20 MM GE	● Yellow	20 mm	4 mm	2000
2005820000	TM-I 20 MM RT	● Red	20 mm	4 mm	2000
2005490000	TM-I 20 MM WS	○ White	20 mm	4 mm	2000
2005970000	TM-I 23 MM BL	● Blue	23 mm	4 mm	2000
2005670000	TM-I 23 MM GE	● Yellow	23 mm	4 mm	2000
2005850000	TM-I 23 MM RT	● Red	23 mm	4 mm	2000
2005510000	TM-I 23 MM WS	○ White	23 mm	4 mm	2000
2005990000	TM-I 30 MM BL	● Blue	30 mm	4 mm	2000
2005700000	TM-I 30 MM GE	● Yellow	30 mm	4 mm	2000
2005870000	TM-I 30 MM RT	● Red	30 mm	4 mm	2000
2005530000	TM-I 30 MM WS	○ White	30 mm	4 mm	2000

WM wire markers

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		2005080000	RIBBON MM 76/360 SW



Ordering data

Order No.	Type	Colour	Conductor O.D.	Printing area	Qty.
2006250000	WM 0/12 1.0-2.0 MM GE	● Yellow	1 - 2 mm	13 x 3.5mm	2000
2006170000	WM 0/12 1.0-2.0 MM WS	○ White	1 - 2 mm	13 x 3.5mm	2000
2006090000	WM 0/21 1.0-2.0 MM GE	● Yellow	1 - 2 mm	22 x 3.5mm	2000
2006010000	WM 0/21 1.0-2.0 MM WS	○ White	1 - 2 mm	22 x 3.5mm	2000
2006410000	WM 0/6 1.0-2.0 MM GE	● Yellow	1 - 2 mm	7 x 3.5mm	2000
2006330000	WM 0/6 1.0-2.0 MM WS	○ White	1 - 2 mm	7 x 3.5mm	2000
2006270000	WM 1/12 2.0-3.5 MM GE	● Yellow	2 - 3.5 mm	13 x 4.8mm	2000
2006190000	WM 1/12 2.0-3.5 MM WS	○ White	2 - 3.5 mm	13 x 4.8mm	2000
2006110000	WM 1/21 2.0-3.5 MM GE	● Yellow	2 - 3.5 mm	22 x 4.8mm	2000
2006030000	WM 1/21 2.0-3.5 MM WS	○ White	2 - 3.5 mm	22 x 4.8mm	2000
2006430000	WM 1/6 2.0-3.5 MM GE	● Yellow	2 - 3.5 mm	7 x 4.8mm	2000
2006350000	WM 1/6 2.0-3.5 MM WS	○ White	2 - 3.5 mm	7 x 4.8mm	2000
2006290000	WM 2/12 3.5-5.0 MM GE	● Yellow	3.5 - 5 mm	12 x 6.4mm	2000
2006210000	WM 2/12 3.5-5.0 MM WS	○ White	3.5 - 5 mm	12 x 6.4mm	2000
2006130000	WM 2/21 3.5-5.0 MM GE	● Yellow	3.5 - 5 mm	22 x 6.4mm	2000
2006050000	WM 2/21 3.5-5.0 MM WS	○ White	3.5 - 5 mm	22 x 6.4mm	2000
2006450000	WM 2/6 3.5-5.0 MM GE	● Yellow	3.5 - 5 mm	7 x 6.4mm	2000
2006370000	WM 2/6 3.5-5.0 MM WS	○ White	3.5 - 5 mm	7 x 6.4mm	2000
2006310000	WM 3/12 5.0-8.0 MM GE	● Yellow	5 - 8 mm	12 x 10 mm	2000
2006230000	WM 3/12 5.0-8.0 MM WS	○ White	5 - 8 mm	12 x 10 mm	2000
2006150000	WM 3/21 5.0-8.0 MM GE	● Yellow	5 - 8 mm	22 x 10 mm	2000
2006070000	WM 3/21 5.0-8.0 MM WS	○ White	5 - 8 mm	22 x 10 mm	2000
2006470000	WM 3/6 5.0-8.0 MM GE	● Yellow	5 - 8 mm	7 x 10 mm	2000
2006390000	WM 3/6 5.0-8.0 MM WS	○ White	5 - 8 mm	7 x 10 mm	2000



## SFX cable markers



## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyurethane	-40...90 °C	HB		<b>2005040000</b>	RIBBON MM 80/300 WS
				<b>2005080000</b>	RIBBON MM 76/360 SW

## Ordering data

Order No.	Type	Colour	Height / Width	Printing area	Qty.
2519100000	SFX 9/24 MM BL	● Blue	26 / 15 mm	9 x 23.5mm	1000
2005380000	SFX 9/24 MM GE	● Yellow	26 / 15 mm	9 x 23.5mm	1000
2519080000	SFX 9/24 MM GN	● Green	26 / 15 mm	9 x 23.5mm	1000
2519090000	SFX 9/24 MM RT	● Red	26 / 15 mm	9 x 23.5mm	1000
2519070000	SFX 9/24 MM SW	● Black	26 / 15 mm	9 x 23.5mm	1000
2005320000	SFX 9/24 MM WS	○ White	26 / 15 mm	9 x 23.5mm	1000
2519060000	SFX 11/60 MM BL	● Blue	60 / 11 mm	44 x 10.5mm	1000
2005400000	SFX 11/60 MM GE	● Yellow	60 / 11 mm	44 x 10.5mm	1000
2519050000	SFX 11/60 MM GN	● Green	60 / 11 mm	44 x 10.5mm	1000
2519040000	SFX 11/60 MM RT	● Red	60 / 11 mm	44 x 10.5mm	1000
2518650000	SFX 11/60 MM SW	● Black	60 / 11 mm	44 x 10.5mm	1000
2005340000	SFX 11/60 MM WS	○ White	60 / 11 mm	44 x 10.5mm	1000
2519140000	SFX 30/60 MM BL	● Blue	60 / 30 mm	45 x 29.5mm	300
2005420000	SFX 30/60 MM GE	● Yellow	60 / 30 mm	45 x 29.5mm	300
2519110000	SFX 30/60 MM GN	● Green	60 / 30 mm	45 x 29.5mm	300
2519130000	SFX 30/60 MM RT	● Red	60 / 30 mm	45 x 29.5mm	300
2519120000	SFX 30/60 MM SW	● Black	60 / 30 mm	45 x 29.5mm	300
2005360000	SFX 30/60 MM WS	○ White	60 / 30 mm	45 x 29.5mm	300



## Device markers ESG



## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	<b>2005080000</b>	RIBBON MM 76/360 SW
				<b>2005040000</b>	RIBBON MM 80/300 WS

## Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2005110000	ESG 6/17 MM GE	● Yellow	17 mm	6 mm	3000
2005120000	ESG 6/17 MM GR	● Grey	17 mm	6 mm	3000
2005130000	ESG 6/17 MM SW	● Black	17 mm	6 mm	3000
2005100000	ESG 6/17 MM WS	○ White	17 mm	6 mm	3000
2005150000	ESG 8/20 MM GE	● Yellow	20 mm	8 mm	3000
2005160000	ESG 8/20 MM GR	● Grey	20 mm	8 mm	3000
2005170000	ESG 8/20 MM SW	● Black	20 mm	8 mm	3000
2005140000	ESG 8/20 MM WS	○ White	20 mm	8 mm	3000
2005210000	ESG 9/17 MM GE	● Yellow	17 mm	9 mm	3000
2005230000	ESG 9/17 MM GR	● Grey	17 mm	9 mm	3000
2005250000	ESG 9/17 MM SW	● Black	17 mm	9 mm	3000
2005190000	ESG 9/17 MM WS	○ White	17 mm	9 mm	3000



Device markers SM

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	<b>2005080000</b>	RIBBON MM 76/360 SW
				<b>2005040000</b>	RIBBON MM 80/300 WS

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2006240000	SM 18/9.5 MM GE	● Yellow	9 mm	18 mm	1000
2006260000	SM 18/9.5 MM GR	● Grey	9 mm	18 mm	1000
2006200000	SM 18/9.5 MM SW	● Black	9 mm	18 mm	1000
2006220000	SM 18/9.5 MM WS	○ White	9 mm	18 mm	1000
2535620000	SM 22/22 MM GE	● Yellow	22 mm	22 mm	1000
2535630000	SM 22/22 MM GR	● Grey	22 mm	22 mm	1000
2535610000	SM 22/22 MM WS	○ White	22 mm	22 mm	1000
2006420000	SM 27/8 MM GE	● Yellow	8 mm	27 mm	1000
2006490000	SM 27/8 MM GN	● Green	8 mm	27 mm	1000
2006480000	SM 27/8 MM GR	● Grey	8 mm	27 mm	1000
2006460000	SM 27/8 MM RT	● Red	8 mm	27 mm	1000
2006440000	SM 27/8 MM SW	● Black	8 mm	27 mm	1000
2006400000	SM 27/8 MM WS	○ White	8 mm	27 mm	1000
2006510000	SM 27/12.5 MM GE	● Yellow	12.5 mm	27 mm	1000
2006500000	SM 27/12.5 MM GN	● Green	12.5 mm	27 mm	1000
2006520000	SM 27/12.5 MM GR	● Grey	12.5 mm	27 mm	1000
2006540000	SM 27/12.5 MM RT	● Red	12.5 mm	27 mm	1000
2006530000	SM 27/12.5 MM SW	● Black	12.5 mm	27 mm	1000
2006500000	SM 27/12.5 MM WS	○ White	12.5 mm	27 mm	1000
2006300000	SM 27/18 MM GE	● Yellow	18 mm	27 mm	1000
2006380000	SM 27/18 MM GN	● Green	18 mm	27 mm	1000
2006340000	SM 27/18 MM GR	● Grey	18 mm	27 mm	1000
2006360000	SM 27/18 MM RT	● Red	18 mm	27 mm	1000
2006320000	SM 27/18 MM SW	● Black	18 mm	27 mm	1000
2006280000	SM 27/18 MM WS	○ White	18 mm	27 mm	1000



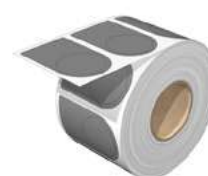
Device markers SM

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	<b>2005080000</b>	RIBBON MM 76/360 SW
				<b>2005040000</b>	RIBBON MM 80/300 WS

Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2005810000	SM 27/18-22 MM GE	● Yellow	53.75 mm	27 mm	1000
2005920000	SM 27/18-22 MM GN	● Green	53.75 mm	27 mm	1000
2005860000	SM 27/18-22 MM GR	● Grey	53.75 mm	27 mm	1000
2005900000	SM 27/18-22 MM RT	● Red	53.75 mm	27 mm	1000
2005880000	SM 27/18-22 MM SW	● Black	53.75 mm	27 mm	1000
2005840000	SM 27/18-22 MM WS	○ White	53.75 mm	27 mm	1000
2006080000	SM 36/18-30 MM GE	● Yellow	62 mm	36 mm	1000
2006180000	SM 36/18-30 MM GN	● Green	62 mm	36 mm	1000
2006120000	SM 36/18-30 MM GR	● Grey	62 mm	36 mm	1000
2006160000	SM 36/18-30 MM RT	● Red	62 mm	36 mm	1000
2006140000	SM 36/18-30 MM SW	● Black	62 mm	36 mm	1000
2006100000	SM 36/18-30 MM WS	○ White	62 mm	36 mm	1000



## Device markers SM DIA

### Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	<b>2005080000</b>	RIBBON MM 76/360 SW

### Ordering data

Order No.	Type	Colour	Diameter	Qty.
<b>2006060000</b>	SM DIA 60-22 MM GE	● Yellow	60 mm	450



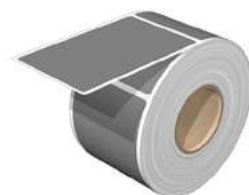
## Device markers CC

### Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	<b>2005080000</b>	RIBBON MM 76/360 SW
				<b>2005040000</b>	RIBBON MM 80/300 WS

### Ordering data

Order No.	Type	Colour	Height	Width	Qty.
<b>2005630000</b>	CC 15/27 MM GE	● Yellow	27 mm	15 mm	450
<b>2005660000</b>	CC 15/27 MM GR	● Grey	27 mm	15 mm	450
<b>2005690000</b>	CC 15/27 MM SW	● Black	27 mm	15 mm	450
<b>2005600000</b>	CC 15/27 MM WS	○ White	27 mm	15 mm	450
<b>2005520000</b>	CC 15/45 MM GE	● Yellow	45 mm	15 mm	450
<b>2005540000</b>	CC 15/45 MM GR	● Grey	45 mm	15 mm	450
<b>2005570000</b>	CC 15/45 MM SW	● Black	45 mm	15 mm	450
<b>2005500000</b>	CC 15/45 MM WS	○ White	45 mm	15 mm	450
<b>2005430000</b>	CC 15/60 MM GE	● Yellow	60 mm	15 mm	450
<b>2005460000</b>	CC 15/60 MM GR	● Grey	60 mm	15 mm	450
<b>2005480000</b>	CC 15/60 MM SW	● Black	60 mm	15 mm	450
<b>2005410000</b>	CC 15/60 MM WS	○ White	60 mm	15 mm	450
<b>2005350000</b>	CC 30/60 MM GE	● Yellow	60 mm	30 mm	450
<b>2005370000</b>	CC 30/60 MM GR	● Grey	60 mm	30 mm	450
<b>2005390000</b>	CC 30/60 MM SW	● Black	60 mm	30 mm	450
<b>2005330000</b>	CC 30/60 MM WS	○ White	60 mm	30 mm	450
<b>2005280000</b>	CC 85/54 MM GE	● Yellow	54 mm	85 mm	450
<b>2005290000</b>	CC 85/54 MM GR	● Grey	54 mm	85 mm	450
<b>2005310000</b>	CC 85/54 MM SW	● Black	54 mm	85 mm	450
<b>2005270000</b>	CC 85/54 MM WS	○ White	54 mm	85 mm	450



## Device markers Endless

## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	<b>2005040000</b>	RIBBON MM 80/300 WS
				<b>2005080000</b>	RIBBON MM 76/360 SW
				<b>2005070000</b>	RIBBON MM 110/360 SW



## Ordering data

Order No.	Type	Colour	Height	Length	Qty.
2518680000	EL 12 MM BL 30M	Blue	12 mm	30000 mm	1
2528220000	EL 12 MM RT 30M	Red	12 mm	30000 mm	1
2528320000	EL 12 MM GN 30M	Green	12 mm	30000 mm	1
2006580000	EL 12 MM GE 30M	Yellow	12 mm	30000 mm	1
2006570000	EL 12 MM WS 30M	White	12 mm	30000 mm	1
2528380000	EL 12 MM SW 30M	Black	12 mm	30000 mm	1
2006600000	EL 12 MM SI 30M	Silver	12 mm	30000 mm	1
2518990000	EL 15 MM BL 30M	Blue	15 mm	30000 mm	1
2528270000	EL 15 MM RT 30M	Red	15 mm	30000 mm	1
2528330000	EL 15 MM GN 30M	Green	15 mm	30000 mm	1
2006600000	EL 15 MM GE 30M	Yellow	15 mm	30000 mm	1
2006590000	EL 15 MM WS 30M	White	15 mm	30000 mm	1
2528390000	EL 15 MM SW 30M	Black	15 mm	30000 mm	1
2006610000	EL 15 MM SI 30M	Silver	15 mm	30000 mm	1
2519000000	EL 27 MM BL 30M	Blue	27 mm	30000 mm	1
2528280000	EL 27 MM RT 30M	Red	27 mm	30000 mm	1
2528340000	EL 27 MM GN 30M	Green	27 mm	30000 mm	1
2006640000	EL 27 MM GE 30M	Yellow	27 mm	30000 mm	1
2006630000	EL 27 MM WS 30M	White	27 mm	30000 mm	1
2528400000	EL 27 MM SW 30M	Black	27 mm	30000 mm	1
2006620000	EL 27 MM SI 30M	Silver	27 mm	30000 mm	1
2519010000	EL 38 MM BL 30M	Blue	38 mm	30000 mm	1
2528290000	EL 38 MM RT 30M	Red	38 mm	30000 mm	1
2528350000	EL 38 MM GN 30M	Green	38 mm	30000 mm	1
2006670000	EL 38 MM GE 30M	Yellow	38 mm	30000 mm	1
2006660000	EL 38 MM WS 30M	White	38 mm	30000 mm	1
2528410000	EL 38 MM SW 30M	Black	38 mm	30000 mm	1
2006650000	EL 38 MM SI 30M	Silver	38 mm	30000 mm	1
2519020000	EL 60 MM BL 30M	Blue	60 mm	30000 mm	1
2528300000	EL 60 MM RT 30M	Red	60 mm	30000 mm	1
2528360000	EL 60 MM GN 30M	Green	60 mm	30000 mm	1
2006700000	EL 60 MM GE 30M	Yellow	60 mm	30000 mm	1
2006690000	EL 60 MM WS 30M	White	60 mm	30000 mm	1
2528420000	EL 60 MM SW 30M	Black	60 mm	30000 mm	1
2006680000	EL 60 MM SI 30M	Silver	60 mm	30000 mm	1
2519030000	EL 100 MM BL 30M	Blue	100 mm	30000 mm	1
2528310000	EL 100 MM RT 30M	Red	100 mm	30000 mm	1
2528370000	EL 100 MM GN 30M	Green	100 mm	30000 mm	1
2006730000	EL 100 MM GE 30M	Yellow	100 mm	30000 mm	1
2006720000	EL 100 MM WS 30M	White	100 mm	30000 mm	1
2528430000	EL 100 MM SW 30M	Black	100 mm	30000 mm	1
2006710000	EL 100 MM SI 30M	Silver	100 mm	30000 mm	1

## ELS inlay tags

## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		<b>2005080000</b>	RIBBON MM 76/360 SW



## Ordering data

Order No.	Type	Colour	Height	Width	Qty.
2010620000	ELS 6/30 MM GE	Yellow	30 mm	6 mm	3000
2009980000	ELS 6/30 MM WS	White	30 mm	6 mm	3000
2519160000	ELS 7/40 MM GE	Yellow	40 mm	6.3 mm	3000
2518620000	ELS 7/40 MM WS	White	40 mm	6.3 mm	3000
2005240000	ELS 8/20 MM GE	Yellow	20 mm	8 mm	3000
2005180000	ELS 8/20 MM WS	White	20 mm	8 mm	3000
2005260000	ELS 16/40 MM GE	Yellow	40 mm	16 mm	2000
2005200000	ELS 16/40 MM WS	White	40 mm	16 mm	2000





## HS...12.7 mm

## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Height	Conductor O.D.	Qty.
2526030000	HS 0.8-2.4/12 MM W	○ White	12.7 mm	0.8 - 2.4 mm	4000
2526060000	HS 0.8-2.4/12 MM Y	● Yellow	12.7 mm	0.8 - 2.4 mm	4000
2526070000	HS 1.0-3.2/12 MM W	○ White	12.7 mm	1 - 3.2 mm	4000
2526080000	HS 1.0-3.2/12 MM Y	● Yellow	12.7 mm	1 - 3.2 mm	4000
2526090000	HS 1.6-4.8/12 MM W	○ White	12.7 mm	1.6 - 4.8 mm	4000
2526100000	HS 1.6-4.8/12 MM Y	● Yellow	12.7 mm	1.6 - 4.8 mm	4000
2526110000	HS 2.1-6.4/12 MM W	○ White	12.7 mm	2.1 - 6.4 mm	4000
2526120000	HS 2.1-6.4/12 MM Y	● Yellow	12.7 mm	2.1 - 6.4 mm	4000
2526130000	HS 3.2-9.5/12 MM W	○ White	12.7 mm	3.2 - 9.5 mm	2000
2526140000	HS 3.2-9.5/12 MM Y	● Yellow	12.7 mm	3.2 - 9.5 mm	2000
2526150000	HS 4.2-12.7/12 MM W	○ White	12.7 mm	4.2 - 12.7 mm	2000
2526160000	HS 4.2-12.7/12 MM Y	● Yellow	12.7 mm	4.2 - 12.7 mm	2000



## HS...25.4 mm

## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Height	Conductor O.D.	Qty.
2437470000	HS 0.8-2.4/25 MM W	○ White	25.4 mm	0.8 - 2.4 mm	2000
2437480000	HS 0.8-2.4/25 MM Y	● Yellow	25.4 mm	0.8 - 2.4 mm	2000
2437510000	HS 1.0-3.2/25 MM W	○ White	25.4 mm	1 - 3.2 mm	2000
2437520000	HS 1.0-3.2/25 MM Y	● Yellow	25.4 mm	1 - 3.2 mm	2000
2437550000	HS 1.6-4.8/25 MM W	○ White	25.4 mm	1.6 - 4.8 mm	2000
2437560000	HS 1.6-4.8/25 MM Y	● Yellow	25.4 mm	1.6 - 4.8 mm	2000
2437630000	HS 2.1-6.4/25 MM W	○ White	25.4 mm	2.1 - 6.4 mm	2000
2437640000	HS 2.1-6.4/25 MM Y	● Yellow	25.4 mm	2.1 - 6.4 mm	2000
2437670000	HS 3.2-9.5/25 MM W	○ White	25.4 mm	3.2 - 9.5 mm	1000
2437680000	HS 3.2-9.5/25 MM Y	● Yellow	25.4 mm	3.2 - 9.5 mm	1000
2437710000	HS 4.2-12.7/25 MM W	○ White	25.4 mm	4.2 - 12.7 mm	1000
2437720000	HS 4.2-12.7/25 MM Y	● Yellow	25.4 mm	4.2 - 12.7 mm	1000
2437750000	HS 6.4-19.1/25 MM W	○ White	25.4 mm	6.4 - 19.1 mm	800
2437760000	HS 6.4-19.1/25 MM Y	● Yellow	25.4 mm	6.4 - 19.1 mm	800
2437790000	HS 8.5-25.4/25 MM W	○ White	25.4 mm	8.5 - 25.4 mm	400
2437800000	HS 8.5-25.4/25 MM Y	● Yellow	25.4 mm	8.5 - 25.4 mm	400
2437590000	HS 12.7-38.1/25 MM W	○ White	25.4 mm	12.7 - 38.1 mm	200
2437600000	HS 12.7-38.1/25 MM Y	● Yellow	25.4 mm	12.7 - 38.1 mm	200



## HS...50.8 mm

## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Height	Conductor O.D.	Qty.
2437490000	HS 0.8-2.4/50 MM W	○	50.8 mm	0.8 - 2.4 mm	1000
2437500000	HS 0.8-2.4/50 MM Y	●	50.8 mm	0.8 - 2.4 mm	1000
2437530000	HS 1.0-3.2/50 MM W	○	50.8 mm	1 - 3.2 mm	1000
2437540000	HS 1.0-3.2/50 MM Y	●	50.8 mm	1 - 3.2 mm	1000
2437570000	HS 1.6-4.8/50 MM W	○	50.8 mm	1.6 - 4.8 mm	1000
2437580000	HS 1.6-4.8/50 MM Y	●	50.8 mm	1.6 - 4.8 mm	1000
2437650000	HS 2.1-6.4/50 MM W	○	50.8 mm	2.1 - 6.4 mm	1000
2437660000	HS 2.1-6.4/50 MM Y	●	50.8 mm	2.1 - 6.4 mm	1000
2437690000	HS 3.2-9.5/50 MM W	○	50.8 mm	3.2 - 9.5 mm	500
2437700000	HS 3.2-9.5/50 MM Y	●	50.8 mm	3.2 - 9.5 mm	500
2437730000	HS 4.2-12.7/50 MM W	○	50.8 mm	4.2 - 12.7 mm	500
2437740000	HS 4.2-12.7/50 MM Y	●	50.8 mm	4.2 - 12.7 mm	500
2437770000	HS 6.4-19.1/50 MM W	○	50.8 mm	6.4 - 19.1 mm	400
2437780000	HS 6.4-19.1/50 MM Y	●	50.8 mm	6.4 - 19.1 mm	400
2437810000	HS 8.5-25.4/50 MM W	○	50.8 mm	8.5 - 25.4 mm	200
2437820000	HS 8.5-25.4/50 MM Y	●	50.8 mm	8.5 - 25.4 mm	200
2437610000	HS 12.7-38.1/50 MM W	○	50.8 mm	12.7 - 38.1 mm	100
2437620000	HS 12.7-38.1/50 MM Y	●	50.8 mm	12.7 - 38.1 mm	100



## HS-HF 12.7 mm halogen-free

## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Height	Conductor O.D.	Qty.
2526230000	HS-HF 1.2-2.4/12 MM W	○	12.7 mm	1.2 - 2.4 mm	4000
2526240000	HS-HF 1.2-2.4/12 MM Y	●	12.7 mm	1.2 - 2.4 mm	4000
2526250000	HS-HF 1.6-3.2/12 MM W	○	12.7 mm	1.6 - 3.2 mm	4000
2526260000	HS-HF 1.6-3.2/12 MM Y	●	12.7 mm	1.6 - 3.2 mm	4000
2526270000	HS-HF 2.4-4.8/12 MM W	○	12.7 mm	2.4 - 4.8 mm	4000
2526280000	HS-HF 2.4-4.8/12 MM Y	●	12.7 mm	2.4 - 4.8 mm	4000
2526290000	HS-HF 3.2-6.4/12 MM W	○	12.7 mm	3.2 - 6.4 mm	4000
2526300000	HS-HF 3.2-6.4/12 MM Y	●	12.7 mm	3.2 - 6.4 mm	4000
2526310000	HS-HF 4.8-9.5/12 MM W	○	12.7 mm	4.8 - 9.5 mm	2000
2526320000	HS-HF 4.8-9.5/12 MM Y	●	12.7 mm	4.8 - 9.5 mm	2000
2526330000	HS-HF 6.4-12.7/12 MM W	○	12.7 mm	6.4 - 12.7 mm	2000
2526340000	HS-HF 6.4-12.7/12 MM Y	●	12.7 mm	6.4 - 12.7 mm	2000



## HS-HF 25.4 mm halogen-free



## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Height	Conductor O.D.	Qty.	
2437830000	HS-HF 1.2-2.4/25 MM W	○	White	25.4 mm	1.2 - 2.4 mm	2000
2437840000	HS-HF 1.2-2.4/25 MM Y	●	Yellow	25.4 mm	1.2 - 2.4 mm	2000
2437870000	HS-HF 1.6-3.2/25 MM W	○	White	25.4 mm	1.6 - 3.2 mm	2000
2437880000	HS-HF 1.6-3.2/25 MM Y	●	Yellow	25.4 mm	1.6 - 3.2 mm	2000
2437990000	HS-HF 2.4-4.8/25 MM W	○	White	25.4 mm	2.4 - 4.8 mm	2000
2438000000	HS-HF 2.4-4.8/25 MM Y	●	Yellow	25.4 mm	2.4 - 4.8 mm	2000
2438030000	HS-HF 3.2-6.4/25 MM B	●	Blue	25.4 mm	3.2 - 6.4 mm	2000
2438040000	HS-HF 3.2-6.4/25 MM W	○	White	25.4 mm	3.2 - 6.4 mm	2000
2438050000	HS-HF 3.2-6.4/25 MM Y	●	Yellow	25.4 mm	3.2 - 6.4 mm	2000
2438080000	HS-HF 4.8-9.5/25 MM B	●	Blue	25.4 mm	4.8 - 9.5 mm	1000
2438090000	HS-HF 4.8-9.5/25 MM W	○	White	25.4 mm	4.8 - 9.5 mm	1000
2438100000	HS-HF 4.8-9.5/25 MM Y	●	Yellow	25.4 mm	4.8 - 9.5 mm	1000
2438130000	HS-HF 6.4-12.7/25 MM B	●	Blue	25.4 mm	6.4 - 12.7 mm	1000
2438140000	HS-HF 6.4-12.7/25 MM W	○	White	25.4 mm	6.4 - 12.7 mm	1000
2438150000	HS-HF 6.4-12.7/25 MM Y	●	Yellow	25.4 mm	6.4 - 12.7 mm	1000
2438180000	HS-HF 9.5-19.1/25 MM R	●	Red	25.4 mm	9.5 - 19.1 mm	800
2438190000	HS-HF 9.5-19.1/25 MM W	○	White	25.4 mm	9.5 - 19.1 mm	800
2438200000	HS-HF 9.5-19.1/25 MM Y	●	Yellow	25.4 mm	9.5 - 19.1 mm	800
2437910000	HS-HF 12.7-25.4/25 MM W	○	White	25.4 mm	12.7 - 25.4 mm	400
2437920000	HS-HF 12.7-25.4/25 MM Y	●	Yellow	25.4 mm	12.7 - 25.4 mm	400
2437950000	HS-HF 19.5-38.1/25 MM W	○	White	25.4 mm	19.5 - 38.1 mm	200
2437960000	HS-HF 19.5-38.1/25 MM Y	●	Yellow	25.4 mm	19.5 - 38.1 mm	200



## HS-HF 50.8 mm halogen-free



## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Height	Conductor O.D.	Qty.	
2437850000	HS-HF 1.2-2.4/50 MM W	○	White	50.8 mm	1.2 - 2.4 mm	1000
2437860000	HS-HF 1.2-2.4/50 MM Y	●	Yellow	50.8 mm	1.2 - 2.4 mm	1000
2437890000	HS-HF 1.6-3.2/50 MM W	○	White	50.8 mm	1.6 - 3.2 mm	1000
2437900000	HS-HF 1.6-3.2/50 MM Y	●	Yellow	50.8 mm	1.6 - 3.2 mm	1000
2438010000	HS-HF 2.4-4.8/50 MM W	○	White	50.8 mm	2.4 - 4.8 mm	1000
2438020000	HS-HF 2.4-4.8/50 MM Y	●	Yellow	50.8 mm	2.4 - 4.8 mm	1000
2438060000	HS-HF 3.2-6.4/50 MM W	○	White	50.8 mm	3.2 - 6.4 mm	1000
2438070000	HS-HF 3.2-6.4/50 MM Y	●	Yellow	50.8 mm	3.2 - 6.4 mm	1000
2438110000	HS-HF 4.8-9.5/50 MM W	○	White	50.8 mm	4.8 - 9.5 mm	500
2438120000	HS-HF 4.8-9.5/50 MM Y	●	Yellow	50.8 mm	4.8 - 9.5 mm	500
2438160000	HS-HF 6.4-12.7/50 MM W	○	White	50.8 mm	6.4 - 12.7 mm	500
2438170000	HS-HF 6.4-12.7/50 MM Y	●	Yellow	50.8 mm	6.4 - 12.7 mm	500
2438210000	HS-HF 9.5-19.1/50 MM W	○	White	50.8 mm	9.5 - 19.1 mm	400
2438220000	HS-HF 9.5-19.1/50 MM Y	●	Yellow	50.8 mm	9.5 - 19.1 mm	400
2437930000	HS-HF 12.7-25.4/50 MM W	○	White	50.8 mm	12.7 - 25.4 mm	200
2437940000	HS-HF 12.7-25.4/50 MM Y	●	Yellow	50.8 mm	12.7 - 25.4 mm	200
2437970000	HS-HF 19.5-38.1/50 MM W	○	White	50.8 mm	19.5 - 38.1 mm	100
2437980000	HS-HF 19.5-38.1/50 MM Y	●	Yellow	50.8 mm	19.5 - 38.1 mm	100



## HSS... Endless 10 meters

## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
<b>1489680000</b>	HSS 6.4-19.1 EL W10M	○ White	10000 mm	6.4 - 19.1 mm	1
<b>1489690000</b>	HSS 8.5-25.4 EL W10M	○ White	10000 mm	8.5 - 25.4 mm	1
<b>1489610000</b>	HSS 8.5-25.4 EL Y10M	● Yellow	10000 mm	8.5 - 25.4 mm	1



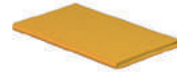
## HSS... Endless 13 meters

## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
<b>1489620000</b>	HSS 0.8-2.4 EL W13M	○ White	13000 mm	0.8 - 2.4 mm	1
<b>1489530000</b>	HSS 0.8-2.4 EL Y13M	● Yellow	13000 mm	0.8 - 2.4 mm	1
<b>1489630000</b>	HSS 1.0-3.2 EL W13M	○ White	13000 mm	1 - 3.2 mm	1
<b>1489540000</b>	HSS 1.0-3.2 EL Y13M	● Yellow	13000 mm	1 - 3.2 mm	1
<b>1489640000</b>	HSS 1.6-4.8 EL W13M	○ White	13000 mm	1.6 - 4.8 mm	1
<b>1489550000</b>	HSS 1.6-4.8 EL Y13M	● Yellow	13000 mm	1.6 - 4.8 mm	1
<b>1489650000</b>	HSS 2.1-6.4 EL W13M	○ White	13000 mm	2.1 - 6.4 mm	1
<b>1489560000</b>	HSS 2.1-6.4 EL Y13M	● Yellow	13000 mm	2.1 - 6.4 mm	1
<b>1489660000</b>	HSS 3.2-9.5 EL W13M	○ White	13000 mm	3.2 - 9.5 mm	1
<b>1489570000</b>	HSS 3.2-9.5 EL Y13M	● Yellow	13000 mm	3.2 - 9.5 mm	1
<b>1489670000</b>	HSS 4.2-12.7 EL W13M	○ White	13000 mm	4.2 - 12.7 mm	1
<b>1489580000</b>	HSS 4.2-12.7 EL Y13M	● Yellow	13000 mm	4.2 - 12.7 mm	1



## HSS... Endless 30 meters

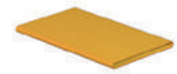
## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55...135 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
<b>1505840000</b>	HSS 0.8-2.4 EL W30M	○ White	30000 mm	0.8 - 2.4 mm	1
<b>1505760000</b>	HSS 0.8-2.4 EL Y30M	● Yellow	30000 mm	0.8 - 2.4 mm	1
<b>1505850000</b>	HSS 1.0-3.2 EL W30M	○ White	30000 mm	1 - 3.2 mm	1
<b>1505770000</b>	HSS 1.0-3.2 EL Y30M	● Yellow	30000 mm	1 - 3.2 mm	1
<b>1505860000</b>	HSS 1.6-4.8 EL W30M	○ White	30000 mm	1.6 - 4.8 mm	1
<b>1505780000</b>	HSS 1.6-4.8 EL Y30M	● Yellow	30000 mm	1.6 - 4.8 mm	1
<b>1505870000</b>	HSS 2.1-6.4 EL W30M	○ White	30000 mm	2.1 - 6.4 mm	1
<b>1505790000</b>	HSS 2.1-6.4 EL Y30M	● Yellow	30000 mm	2.1 - 6.4 mm	1
<b>1505880000</b>	HSS 3.2-9.5 EL W30M	○ White	30000 mm	3.2 - 9.5 mm	1
<b>1505800000</b>	HSS 3.2-9.5 EL Y30M	● Yellow	30000 mm	3.2 - 9.5 mm	1
<b>1505890000</b>	HSS 4.2-12.7 EL W30M	○ White	30000 mm	4.2 - 12.7 mm	1
<b>1505810000</b>	HSS 4.2-12.7 EL Y30M	● Yellow	30000 mm	4.2 - 12.7 mm	1
<b>1505900000</b>	HSS 6.4-19.1 EL W30M	○ White	30000 mm	6.4 - 19.1 mm	1
<b>1505820000</b>	HSS 6.4-19.1 EL Y30M	● Yellow	30000 mm	6.4 - 19.1 mm	1
<b>1505910000</b>	HSS 8.5-25.4 EL W30M	○ White	30000 mm	8.5 - 25.4 mm	1
<b>1505830000</b>	HSS 8.5-25.4 EL Y30M	● Yellow	30000 mm	8.5 - 25.4 mm	1

Note: External roll holder necessary





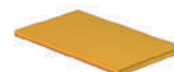
## HSS-HF... Halogen-free Endless 10 meters

## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
<b>1423390000</b>	HSS-HF 9.5-19.1 EL W10M	○	10000 mm	9.5 - 19.1 mm	1
<b>1423280000</b>	HSS-HF 9.5-19.1 EL Y10M	●	10000 mm	9.5 - 19.1 mm	1
<b>1423410000</b>	HSS-HF 12.7-25.4EL W10M	○	10000 mm	12.7 - 25.4 mm	1
<b>1423290000</b>	HSS-HF 12.7-25.4EL Y10M	●	10000 mm	12.7 - 25.4 mm	1



## HSS-HF... Halogen-free Endless 13 meters

## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
<b>1423330000</b>	HSS-HF 1.2-2.4 EL W13M	○	13000 mm	1.2 - 2.4 mm	1
<b>1423220000</b>	HSS-HF 1.2-2.4 EL Y13M	●	13000 mm	1.2 - 2.4 mm	1
<b>1423340000</b>	HSS-HF 1.6-3.2 EL W13M	○	13000 mm	1.6 - 3.2 mm	1
<b>1423230000</b>	HSS-HF 1.6-3.2 EL Y13M	●	13000 mm	1.6 - 3.2 mm	1
<b>1423350000</b>	HSS-HF 2.4-4.8 EL W13M	○	13000 mm	2.4 - 4.8 mm	1
<b>1423240000</b>	HSS-HF 2.4-4.8 EL Y13M	●	13000 mm	2.4 - 4.8 mm	1
<b>1423360000</b>	HSS-HF 3.2-6.4 EL W13M	○	13000 mm	3.2 - 6.4 mm	1
<b>1423250000</b>	HSS-HF 3.2-6.4 EL Y13M	●	13000 mm	3.2 - 6.4 mm	1
<b>1423370000</b>	HSS-HF 4.8-9.5 EL W13M	○	13000 mm	4.8 - 9.5 mm	1
<b>1423260000</b>	HSS-HF 4.8-9.5 EL Y13M	●	13000 mm	4.8 - 9.5 mm	1
<b>1423380000</b>	HSS-HF 6.4-12.7 EL W13M	○	13000 mm	6.4 - 12.7 mm	1
<b>1423270000</b>	HSS-HF 6.4-12.7 EL Y13M	●	13000 mm	6.4 - 12.7 mm	1



## HSS-HF... Halogen-free Endless 30 meters



## Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	<b>2005040000</b>	RIBBON MM 80/300 WS
				<b>2448880000</b>	RIBBON MM-HS 60/300 SW

## Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
2518740000	HSSHF 1.2-2.4 EL SW30M	● Black	30000 mm	1.2 - 2.4 mm	1
1562840000	HSSHF 1.2-2.4 EL B30M	● Blue	30000 mm	1.2 - 2.4 mm	1
1562940000	HSSHF 1.2-2.4 EL G30M	● Green	30000 mm	1.2 - 2.4 mm	1
1562740000	HSSHF 1.2-2.4 EL R30M	● Red	30000 mm	1.2 - 2.4 mm	1
1513240000	HSSHF 1.2-2.4 EL W30M	○ White	30000 mm	1.2 - 2.4 mm	1
1513140000	HSSHF 1.2-2.4 EL Y30M	● Yellow	30000 mm	1.2 - 2.4 mm	1
2518920000	HSSHF 1.6-3.2 EL SW30M	● Black	30000 mm	1.6 - 3.2 mm	1
1562850000	HSSHF 1.6-3.2 EL B30M	● Blue	30000 mm	1.6 - 3.2 mm	1
1562750000	HSSHF 1.6-3.2 EL R30M	● Red	30000 mm	1.6 - 3.2 mm	1
1562950000	HSSHF 1.6-3.2 EL G30M	● Green	30000 mm	1.6 - 3.2 mm	1
1513250000	HSSHF 1.6-3.2 EL W30M	○ White	30000 mm	1.6 - 3.2 mm	1
1513150000	HSSHF 1.6-3.2 EL Y30M	● Yellow	30000 mm	1.6 - 3.2 mm	1
2518930000	HSSHF 2.4-4.8 EL SW30M	● Black	30000 mm	2.4 - 4.8 mm	1
1562870000	HSSHF 2.4-4.8 EL B30M	● Blue	30000 mm	2.4 - 4.8 mm	1
1562970000	HSSHF 2.4-4.8 EL G30M	● Green	30000 mm	2.4 - 4.8 mm	1
1562770000	HSSHF 2.4-4.8 EL R30M	● Red	30000 mm	2.4 - 4.8 mm	1
1513270000	HSSHF 2.4-4.8 EL W30M	○ White	30000 mm	2.4 - 4.8 mm	1
1513170000	HSSHF 2.4-4.8 EL Y30M	● Yellow	30000 mm	2.4 - 4.8 mm	1
2518940000	HSSHF 3.2-6.4 EL SW30M	● Black	30000 mm	3.2 - 6.4 mm	1
1562880000	HSSHF 3.2-6.4 EL B30M	● Blue	30000 mm	3.2 - 6.4 mm	1
1562980000	HSSHF 3.2-6.4 EL G30M	● Green	30000 mm	3.2 - 6.4 mm	1
1562780000	HSSHF 3.2-6.4 EL R30M	● Red	30000 mm	3.2 - 6.4 mm	1
1513280000	HSSHF 3.2-6.4 EL W30M	○ White	30000 mm	3.2 - 6.4 mm	1
1513180000	HSSHF 3.2-6.4 EL Y30M	● Yellow	30000 mm	3.2 - 6.4 mm	1
2518950000	HSSHF 4.8-9.5 EL SW30M	● Black	30000 mm	4.8 - 9.5 mm	1
1562890000	HSSHF 4.8-9.5 EL B30M	● Blue	30000 mm	4.8 - 9.5 mm	1
1562990000	HSSHF 4.8-9.5 EL G30M	● Green	30000 mm	4.8 - 9.5 mm	1
1562790000	HSSHF 4.8-9.5 EL R30M	● Red	30000 mm	4.8 - 9.5 mm	1
1513290000	HSSHF 4.8-9.5 EL W30M	○ White	30000 mm	4.8 - 9.5 mm	1
1513190000	HSSHF 4.8-9.5 EL Y30M	● Yellow	30000 mm	4.8 - 9.5 mm	1
2518960000	HSSHF 6.4-12.7 EL SW30M	● Black	30000 mm	6.4 - 12.7 mm	1
1562900000	HSSHF 6.4-12.7 EL B30M	● Blue	30000 mm	6.4 - 12.7 mm	1
1563020000	HSSHF 6.4-12.7 EL G30M	● Green	30000 mm	6.4 - 12.7 mm	1
1562800000	HSSHF 6.4-12.7 EL R30M	● Red	30000 mm	6.4 - 12.7 mm	1
1513300000	HSSHF 6.4-12.7 EL W30M	○ White	30000 mm	6.4 - 12.7 mm	1
1513200000	HSSHF 6.4-12.7 EL Y30M	● Yellow	30000 mm	6.4 - 12.7 mm	1
2518970000	HSSHF 9.5-19.1 EL SW30M	● Black	30000 mm	9.5 - 19.1 mm	1
1562920000	HSSHF 9.5-19.1 EL B30M	● Blue	30000 mm	9.5 - 19.1 mm	1
1563030000	HSSHF 9.5-19.1 EL G30M	● Green	30000 mm	9.5 - 19.1 mm	1
1562820000	HSSHF 9.5-19.1 EL R30M	● Red	30000 mm	9.5 - 19.1 mm	1
1513320000	HSSHF 9.5-19.1 EL W30M	○ White	30000 mm	9.5 - 19.1 mm	1
1513220000	HSSHF 9.5-19.1 EL Y30M	● Yellow	30000 mm	9.5 - 19.1 mm	1
2518980000	HSSHF 12.7-25.4EL SW30M	● Black	30000 mm	12.7 - 25.4 mm	1
1562930000	HSSHF 12.7-25.4EL B30M	● Blue	30000 mm	12.7 - 25.4 mm	1
1563040000	HSSHF 12.7-25.4EL G30M	● Green	30000 mm	12.7 - 25.4 mm	1
1562830000	HSSHF 12.7-25.4EL R30M	● Red	30000 mm	12.7 - 25.4 mm	1
1513330000	HSSHF 12.7-25.4EL W30M	○ White	30000 mm	12.7 - 25.4 mm	1
1513230000	HSSHF 12.7-25.4EL Y30M	● Yellow	30000 mm	12.7 - 25.4 mm	1

Note: External roll holder necessary

## HSS-HF... Halogen-free Endless 50 meters

### Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

### Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
<b>1562720000</b>	HSS-HF 9.5-19.1 EL Y50M	● Yellow	50000 mm	9.5 - 19.1 mm	1
<b>1562730000</b>	HSS-HF 12.7-25.4EL Y50M	● Yellow	50000 mm	12.7 - 25.4 mm	1

Note: External roll holder necessary



## HSS-HF... Halogen-free Endless 75 meters

### Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	<b>2448880000</b>	RIBBON MM-HS 60/300 SW

### Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
<b>1562640000</b>	HSS-HF 1.2-2.4 EL Y75M	● Yellow	75000 mm	1.2 - 2.4 mm	1
<b>1562650000</b>	HSS-HF 1.6-3.2 EL Y75M	● Yellow	75000 mm	1.6 - 3.2 mm	1
<b>1562670000</b>	HSS-HF 2.4-4.8 EL Y75M	● Yellow	75000 mm	2.4 - 4.8 mm	1
<b>1562680000</b>	HSS-HF 3.2-6.4 EL Y75M	● Yellow	75000 mm	3.2 - 6.4 mm	1
<b>1562690000</b>	HSS-HF 4.8-9.5 EL Y75M	● Yellow	75000 mm	4.8 - 9.5 mm	1
<b>1562700000</b>	HSS-HF 6.4-12.7 EL Y75M	● Yellow	75000 mm	6.4 - 12.7 mm	1

Note: External roll holder necessary



## THM Endless Polyester label

### Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	V-0	Acrylate adhesive	<b>2005070000</b>	RIBBON MM 110/360 SW

### Ordering data

Order No.	Type	Colour	Length	Width	Qty.
<b>1356520000</b>	THM EL 24 SI 3L 30M	● Silver	30000 mm	24 mm	1
<b>1517190000</b>	THM EL 30 GE 30M	● Yellow	30000 mm	30 mm	1
<b>1517200000</b>	THM EL 30 SI 30M	● Silver	30000 mm	30 mm	1
<b>1517180000</b>	THM EL 30 WS 30M	○ White	30000 mm	30 mm	1
<b>1517230000</b>	THM EL 50 GE 30M	● Yellow	30000 mm	30 mm	1
<b>1517240000</b>	THM EL 50 SI 30M	● Silver	30000 mm	50 mm	1
<b>1517220000</b>	THM EL 50 WS 30M	○ White	30000 mm	50 mm	1
<b>1391400000</b>	THM EL 60 SI 30M	● Silver	30000 mm	60 mm	1
<b>1419980000</b>	THM EL 100 GE 30M	● Yellow	30000 mm	100 mm	1
<b>1517270000</b>	THM EL 100 SI 30M	● Silver	30000 mm	100 mm	1
<b>1420010000</b>	THM EL 100 WS 30M	○ White	30000 mm	100 mm	1



### THM Endless Vinyl label



#### Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-40...80 °C	HB	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW



#### Ordering data

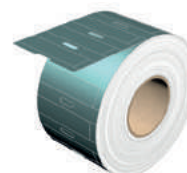
Order No.	Type	Colour	Length	Width	Qty.
1307670000	THM EL VIN 15 WS 2L 30M	White	30000 mm	15 mm	1
1096170000	THM EL VIN 15 WS 5L 30M	White	30000 mm	15 mm	1
1105550000	THM EL VIN 24 WS 3L 30M	White	30000 mm	24 mm	1
1463810000	THM EL VIN 25 GE 30M	Yellow	30000 mm	25 mm	1
1105560000	THM EL VIN 38 WS 30M	White	30000 mm	38 mm	1
1474640000	THM EL VIN 45 WS 30M	White	30000 mm	45 mm	1
1463820000	THM EL VIN 50 GE 30M	Yellow	30000 mm	50 mm	1
1463830000	THM EL VIN 100 GE 30M	Yellow	30000 mm	100 mm	1
2518700000	THM EL VIN 100 WS 30M	White	30000 mm	100 mm	1

### THM ET for Siemens - non-adhesive labels



#### Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polypropylene	-50...100 °C	HB		2005080000	RIBBON MM 76/360 SW



#### Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1487690000	THM ET 200SP 12.8/31 GE	Yellow	12.8 mm	31 mm	2000
1487680000	THM ET 200SP 12.8/31 TU	Turquoise	12.8 mm	31 mm	2000
1991670000	THM ET S7 1500 GE	Yellow	108.8 mm	22.9 mm	500
1991680000	THM ET S7 1500 TU	Turquoise	108.8 mm	22.9 mm	500
2093070000	THM ET S7 1500-13 GE	Yellow	108.8 mm	13 mm	500
2093010000	THM ET S7 1500-13 TU	Turquoise	108.8 mm	13 mm	500
1161770000	THM ET S7 300-1 GE	Yellow	103 mm	22.6 mm	500
1161750000	THM ET S7 300-1 TU	Turquoise	103 mm	22.6 mm	500
1161740000	THM ET S7 300-2 GE	Yellow	103.8 mm	17.3 mm	1000
1161730000	THM ET S7 300-2 TU	Turquoise	103.8 mm	17.3 mm	1000
1161710000	THM ET S7 400 TU	Turquoise	251 mm	13.5 mm	500
1161810000	THM ET S7 50/12.5 GE	Yellow	50 mm	12.5 mm	2000
1161790000	THM ET S7 50/12.5 TU	Turquoise	50 mm	12.5 mm	2000
1095590000	THM ET S7 50/25 GE	Yellow	50 mm	25 mm	1250
1161780000	THM ET S7 50/25 TU	Turquoise	50 mm	25 mm	1250



### THM GEW - textile label

#### Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Cotton fabric	-29...80 °C	V-0	Natural rubber adhesive	2005070000	RIBBON MM 110/360 SW



#### Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1059790000	THM GEW 15/6 GE	Yellow	15 mm	6 mm	10000
1059780000	THM GEW 15/6 WS	White	15 mm	6 mm	10000
1365630000	THM GEW 15/9 GE	Yellow	15 mm	9 mm	10000
1059810000	THM GEW 17/9 GE	Yellow	17 mm	9 mm	10000
1059800000	THM GEW 17/9 WS	White	17 mm	9 mm	10000
1059830000	THM GEW 18/6 GE	Yellow	18 mm	6 mm	10000
1059820000	THM GEW 18/6 WS	White	18 mm	6 mm	10000
1059850000	THM GEW 18/9 GE	Yellow	18 mm	9 mm	10000
1059840000	THM GEW 18/9 WS	White	18 mm	9 mm	10000
1391380000	THM GEW 20/12 GE	Yellow	20 mm	12 mm	2000
1059880000	THM GEW 20/8 GE	Yellow	20 mm	8 mm	10000
1059870000	THM GEW 20/8 WS	White	20 mm	8 mm	10000
1114450000	THM GEW 30/8 GE	Yellow	30 mm	8 mm	10000
1335100000	THM GEW 38/19 GE	Yellow	38 mm	19 mm	2000
1368740000	THM GEW 45/23 GE	Yellow	45 mm	23 mm	2000





## THM MT - Polyester Label



## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	V-0	Acrylate	2005070000	RIBBON MM 110/360 SW

## Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1310540000	THM MT30X 8/8 GE	● Yellow	8 mm	8 mm	10000
1954070000	THM MT30X 8/8 WS	○ White	8 mm	8 mm	10000
1391390000	THM MT30X 12/6 GE	● Yellow	12 mm	6 mm	10000
1072690000	THM MT30X 15/4 GE	● Yellow	15 mm	4 mm	10000
1964130000	THM MT30X 15/5.1 GE	● Yellow	15 mm	5.08 mm	10000
1753231687	THM MT30X 15/6 GE	● Yellow	15 mm	6 mm	10000
1753230001	THM MT30X 15/6 SI	● Silver	15 mm	6 mm	10000
1753231044	THM MT30X 15/6 WS	○ White	15 mm	6 mm	10000
1058740000	THM MT30X 15/9 GE	● Yellow	15 mm	9 mm	10000
1058750000	THM MT30X 15/9 WS	○ White	15 mm	9 mm	10000
1516990000	THM MT30X 16.5/5.1 GE	● Yellow	16.5 mm	5.1 mm	10000
1852520000	THM MT30X 16/7 GE	● Yellow	16 mm	7 mm	12500
1338280000	THM MT30X 17.5/17.5 SI	● Silver	17.5 mm	17.5 mm	5000
1027620000	THM MT30X 17/8 GE	● Yellow	17 mm	8 mm	10000
1856650000	THM MT30X 17/9 GE	● Yellow	17 mm	9 mm	10000
1356500000	THM MT30X 17/9 SI	● Silver	17 mm	9 mm	10000
1968130000	THM MT30X 17/9 WS	○ White	17 mm	9 mm	10000
1753271687	THM MT30X 18/6 GE	● Yellow	18 mm	6 mm	10000
1753270001	THM MT30X 18/6 SI	● Silver	18 mm	6 mm	10000
1753271044	THM MT30X 18/6 WS	○ White	18 mm	6 mm	10000
1753251687	THM MT30X 18/9 GE	● Yellow	18 mm	9 mm	10000
1753250001	THM MT30X 18/9 SI	● Silver	18 mm	9 mm	10000
1753251044	THM MT30X 18/9 WS	○ White	18 mm	9 mm	10000
1085440000	THM MT30X 20/100 WS	○ White	20 mm	100 mm	1500
1753241687	THM MT30X 20/8 GE	● Yellow	20 mm	8 mm	10000
1753241044	THM MT30X 20/8 WS	○ White	20 mm	8 mm	10000
1317010000	THM MT30X 24/157 SI	● Silver	24 mm	157 mm	500
1378120000	THM MT30X 25.4/50.8 SI	● Silver	25.4 mm	50.8 mm	2000
1891770000	THM MT30X 25.9/7.1 WS	○ White	25.9 mm	7.1 mm	5000
1751751687	THM MT30X 25/12 GE	● Yellow	25 mm	12 mm	10000
1751750001	THM MT30X 25/12 SI	● Silver	25 mm	12 mm	10000
1751751044	THM MT30X 25/12 WS	○ White	25 mm	12 mm	10000
1770090000	THM MT30X 26.5/17.5 SI	● Silver	26.5 mm	17.5 mm	10000
1751761687	THM MT30X 26/10 GE	● Yellow	26 mm	10 mm	10000
1751760001	THM MT30X 26/10 SI	● Silver	26 mm	10 mm	10000
1751761044	THM MT30X 26/10 WS	○ White	26 mm	10 mm	10000
1477340000	THM MT30X 27/27 SI	● Silver	27 mm	27 mm	5000
1449830000	THM MT30X 27/85 WS	○ White	27 mm	85 mm	1000
1753261687	THM MT30X 30/20 GE	● Yellow	30 mm	20 mm	6000
1753260001	THM MT30X 30/20 SI	● Silver	30 mm	20 mm	6000
1753261044	THM MT30X 30/20 WS	○ White	30 mm	20 mm	6000
1014680000	THM MT30X 30/52 SI	● Silver	30 mm	52 mm	2000
1356490000	THM MT30X 32/9 GE	● Yellow	32 mm	9 mm	10000
1751770001	THM MT30X 32/9 SI	● Silver	32 mm	9 mm	10000
1751771044	THM MT30X 32/9 WS	○ White	32 mm	9 mm	10000
1180910000	THM MT30X 36/89 WS	○ White	36 mm	89 mm	1000
1862350000	THM MT30X 38.1/31.8 SI	● Silver	38.1 mm	31.75 mm	1000
1011610000	THM MT30X 38/17 WS	○ White	38 mm	17 mm	4000
1751801687	THM MT30X 38/19 GE	● Yellow	38 mm	19 mm	2000
1751800001	THM MT30X 38/19 SI	● Silver	19 mm	19 mm	2000
1751801044	THM MT30X 38/19 WS	○ White	38 mm	19 mm	2000
1751811687	THM MT30X 45/23 GE	● Yellow	45 mm	23 mm	2000
1751810001	THM MT30X 45/23 SI	● Silver	45 mm	23 mm	2000
1751811044	THM MT30X 45/23 WS	○ White	45 mm	23 mm	2000
1852540000	THM MT30X 57/27 SI	● Silver	57 mm	27 mm	2000

## THM MT - Polyester Label



## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	V-0	Acrylate adhesive	2005070000	RIBBON MM 110/360 SW

## Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1378110000	THM MT30X 63.5/50.8 SI	● Silver	63.5 mm	50.8 mm	500
1751831687	THM MT30X 65/35 GE	● Yellow	65 mm	35 mm	1000
1538740000	THM MT30X 65/35 RT	● Red	64 mm	35 mm	1000
1751830001	THM MT30X 65/35 SI	● Silver	65 mm	35 mm	1000
1751830004	THM MT30X 65/35 SI/G	● Silver	65 mm	35 mm	1000
1751831044	THM MT30X 65/35 WS	○ White	65 mm	35 mm	1000
1378130000	THM MT30X 76.2/50.8 WS	○ White	76.5 mm	50.8 mm	500
1498790000	THM MT30X 76/25 WS	○ White	76 mm	25 mm	1000
1003410000	THM MT30X 89/60 SI	● Silver	89 mm	60 mm	1000
1498780000	THM MT30X 89/60 WS	○ White	89 mm	60 mm	1000
1058770000	THM MT30X 100/90 SI	● Silver	100 mm	90 mm	500
1751821687	THM MT30X 101/48 GE	● Yellow	101 mm	48 mm	500
1751820001	THM MT30X 101/48 SI	● Silver	101 mm	48 mm	500
1751821044	THM MT30X 101/48 WS	○ White	101 mm	48 mm	500
1061810000	THM MT30X 101/74 GE	● Yellow	101 mm	74 mm	500
1466270000	THM MT30X 101/74 RT	● Red	101 mm	74 mm	500
1762960001	THM MT30X 101/74 SI	● Silver	101 mm	74 mm	500
2455620000	THM MT30X 101/74 WS	○ White	101 mm	74 mm	500
1192740000	THM MT30X 101/48 GE/G	● Yellow	101 mm	48 mm	500
1778170000	THM MT30x 101/150 SI/G	● Silver	101 mm	150 mm	250

## THM - Vinyl Label

## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-50...90 °C	V-0		2005070000	RIBBON MM 110/360 SW



## Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1209010000	THM VIN 36/18 SI	● Silver	36 mm	18 mm	2500
1192750000	THM VIN 101/74 GE/G	● Yellow	101 mm	74 mm	500
1192760000	THM VIN 101/150 GE/G	● Yellow	101 mm	150 mm	250

## THM WriteOn



## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester film	-40...150 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

## Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1856630000	THM WO 12/18 GE	●	12 mm	18 mm	10000
1856640000	THM WO 12/18 WS	○	12 mm	18 mm	10000
1429450000	THM WO 15/140 WS	○	15 mm	140 mm	500
1429440000	THM WO 15/70 WS	○	15 mm	70 mm	500
1774380000	THM WO 17.8/34 WS	○	17.8 mm	33.9 mm	3000
2004970000	THM WO 24.5/100 WS	○	25.4 mm	100 mm	2000
1109130000	THM WO 24.5/62 WS	○	24.5 mm	62 mm	2500
1109140000	THM WO 25.4/95.2 WS	○	25.4 mm	95.2 mm	1000
1751561687	THM WO 25/140 GE	●	25 mm	140 mm	1050
1751561044	THM WO 25/140 WS	○	25 mm	140 mm	1050
1774340000	THM WO 25/76 GE	●	25 mm	76 mm	1800
1774350000	THM WO 25/76 WS	○	25 mm	76 mm	1800
1774410000	THM WO 33.5/93.1 GE	●	33.5 mm	93.1 mm	500
1774400000	THM WO 33.5/93.1 WS	○	33.5 mm	93.1 mm	500
1109190000	THM WO 50.8/150 BL	●	50.8 mm	150 mm	500
1109180000	THM WO 50.8/150 GE	●	50.8 mm	150 mm	500
1109170000	THM WO 50.8/150 RT	●	50.8 mm	150 mm	500
1109150000	THM WO 50.8/150 WS	○	50.8 mm	150 mm	500
1934190000	THM WO 51/36 WS	○	50.8 mm	36 mm	1000



## THM WriteOn - Tedlar

## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyvinyl fluoride film - Tedlar®	-40...107 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

## Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1003380000	THM WO T 24.5/100 WS	○	24.5 mm	100 mm	2000
1003420000	THM WO T 24.5/62 WS	○	24.5 mm	62 mm	2500



## THM WriteOn - Vinyl

## Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Vinyl film	-40...80 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

## Ordering data

Order No.	Type	Colour	Height	Width	Qty.
1382940000	THM WO VIN 12/18 WS	○	12 mm	18 mm	10000
1382930000	THM WO VIN 17.8/34 WS	○	17.8 mm	34 mm	3000
1391430000	THM WO VIN 24.5/100 WS	○	24.5 mm	100 mm	2000
1391410000	THM WO VIN 24.5/62 WS	○	24.5 mm	62 mm	2000
1110600000	THM WO VIN 25.4/36.5 WS IW	○	25.4 mm	36.5 mm	2500
1110610000	THM WO VIN 25.4/95.2 WS IW	○	25.4 mm	95.2 mm	1000
1253150000	THM WO VIN 25/25 WS	○	25 mm	25 mm	5000
1882900000	THM WO VIN 49.5/57.1 WS	○	49.53 mm	57.1 mm	1000



**Printers and accessories**

**MultiMark printer**

Order No.	Type	Explanation
2430920000	THM MMP	Included: power cable type E+F, UK power cord, US power cord, USB cable, 114 mm ribbon core, print cylinder for connector markers, M-Print® PRO software on DVD, RIBBON MM 110/360 SW, RIBBON MM-TB 25/360 SW



**Print Roller**

Order No.	Type	Colour	Width	Application/manufacturer
2438500000	THM MMP ROLLER TB	● Silver grey	139 mm	Weidmüller DEK, WS
2518600000	THM MMP ROLLER MF	● Silver grey	139 mm	MultiFit Phoenix
2519150000	THM MMP ROLLER MF-W	● Silver grey	139 mm	MultiFit Wago
1357420000	THM PLUS S ROLLER 115	● Green	139 mm	Labels and shrink tubes

**Cutter and perforation cutter**

Order No.	Type	Explanation
1331600000	THM MMP CUTTER	Optional cutting knife for use with continuous labels with the THM MMP printer
1416330000	THM MMP PERFORATOR	Optional perforation cutter for the use of endless heat shrinks with the THM MMP printer



**Ink ribbons**

Order No.	Type	Colour	Width	Length
1426210000	RIBBON HSS HF EL 40/300	● Black	40 mm	300000 mm
2005070000	RIBBON MM 110/360 SW	● Black	110 mm	360000 mm
2005040000	RIBBON MM 80/300 WS	○ White	80 mm	300000 mm
2005080000	RIBBON MM 76/360 SW	● Black	76 mm	360000 mm
2448880000	RIBBON MM-HS 60/300 SW	● Black	60 mm	300000 mm
2005090000	RIBBON MM-TB 25/360 SW	● Black	25 mm	360000 mm



**External reel holder for THM MultiMark**

Order No.	Type	Explanation
1302920000	THM MMP EXT.RH	Required for reel lengths of 30 metres



## Printers and accessories

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### Trolley case for THM MultiMark

Order No.	Type	Colour	Width	Height
2457760000	THM MMP CASE	grey, RAL 7032, Silver	570 mm	380 mm



### PrintJet ADVANCED and THM MultiMark Set

Order No.	Type	Explanation
2467350000	THM MMP - PJA SET	The perfect printer package: PrintJet ADVANCED incl. M-Print® PRO software and our thermotransfer printer THM MMP in one set.









PrintJet ADVANCED

THM MultiMark

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