

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

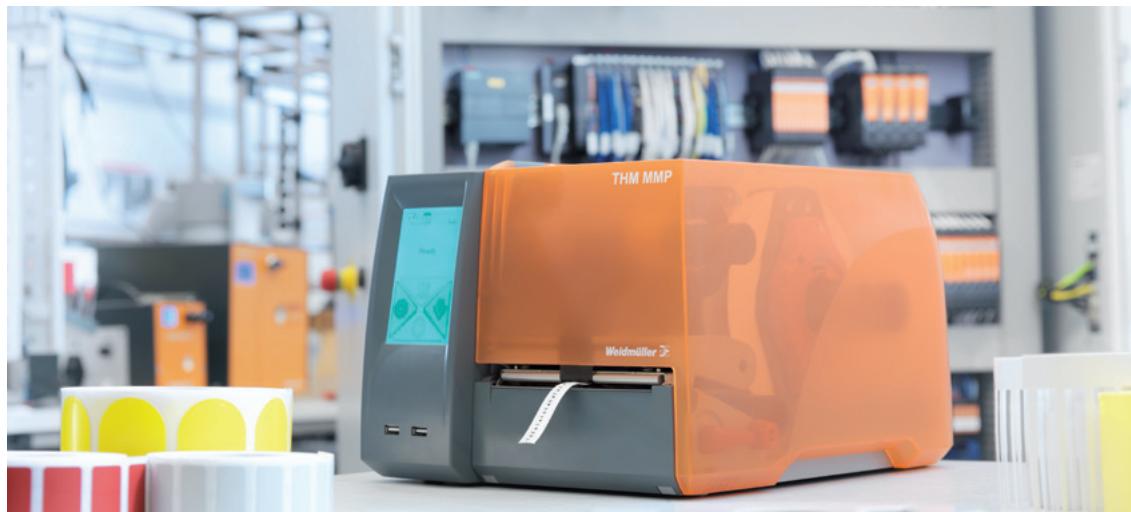
The higher the level of automation, the more complex the structure of a control cabinet. Electrical connectivity has made it more important than ever for installed components to be properly labelled. If servicing needs to be carried out, the cabinet must appear orderly and comprehensible at first glance.

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 MMP 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.

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.

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!



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



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.



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.



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



DEK/WS: Flexible connector markers – print, clip, finished

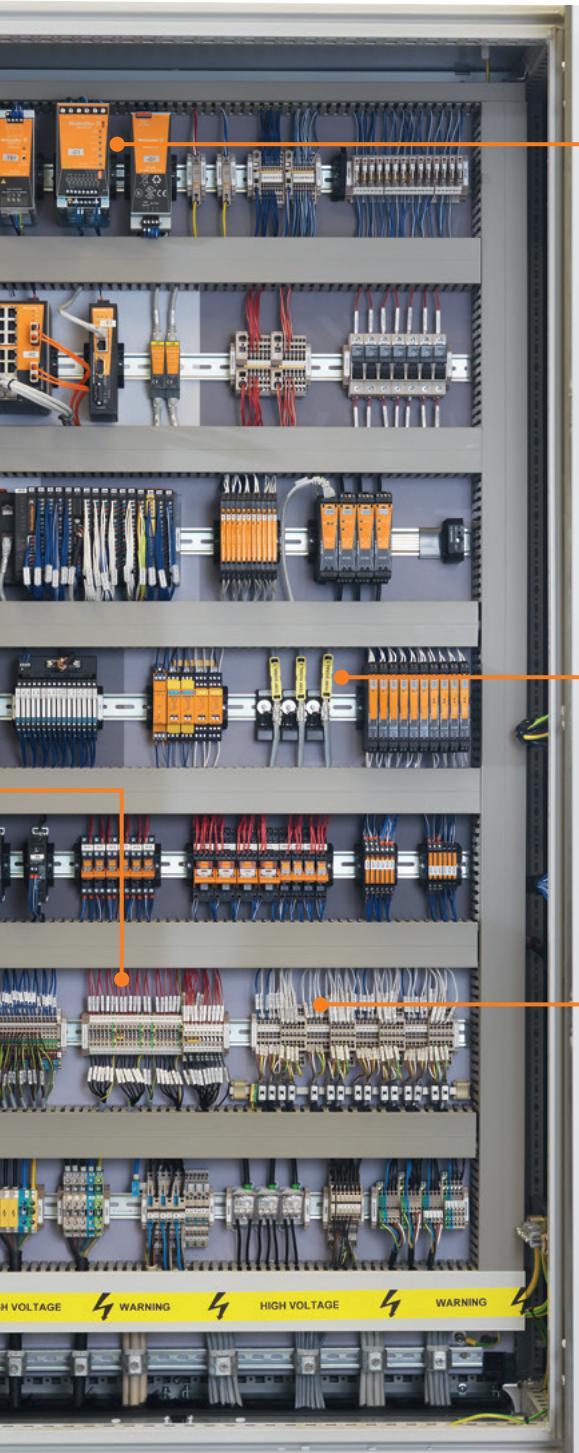


WM: Wire markers installed without tools – simply edit your projects on a computer then print on a reel



Your benefits with MultiMark

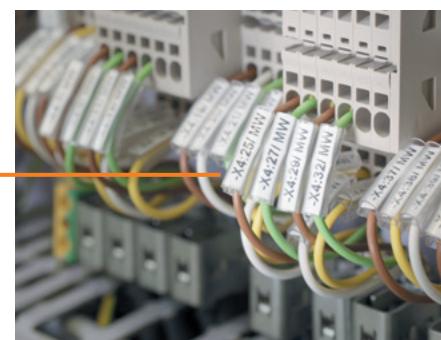
- 150 new marking products on offer
- Practically all identification requirements are taken care of
- Fast printing, fast identification
- Handling benefits, e.g. for terminal markers
- Excellent material properties
- Convenient handling
- Clear print image



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 MMP

The compact all-rounder



All-rounder THM MMP: 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 MMP 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 from the MultiMark family 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 MMP 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 and WS 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 Dekafix and WS series 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 to mount.

This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. 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.

Your benefits with MultiMark

- Compatible with Weidmueller terminal blocks
- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Space for multi-line spacing

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.



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.

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 mm² to 16 mm². 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.



WM markers are available in four sizes for wire cross-sections from 0.25 mm² to 16 mm².

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.

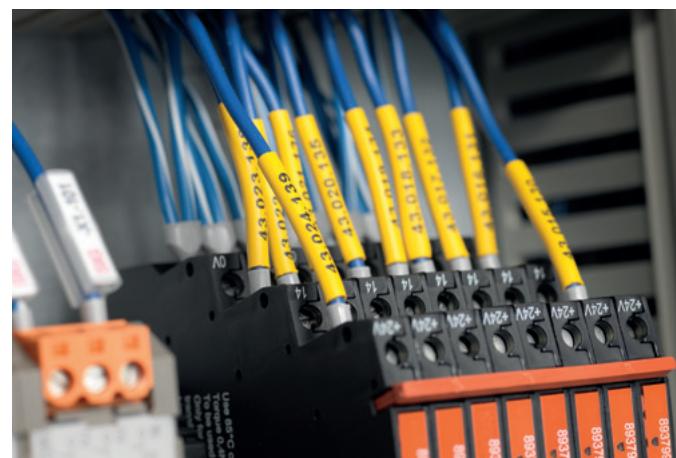
SFX markers are used for cable diameters of 7.0 mm and above. You set the upper limit yourself by the length of the cable tie. Various formats are available to enable the marker surface to be used optimally. This helps to take care of most of your labelling needs.



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 and EL

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.

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



Your benefits with MultiMark

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

Ordering data

Terminal markers DEK, WS

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	Length	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
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
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

Conductor markers TM-I

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		2005080000	RIBBON MM 80/360 SW



Ordering data

Order No.	Type	Colour	Length	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

Conductor markers WM**Technical data**

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		2005080000	RIBBON MM 80/360 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

**Cable markers SFX****Technical data**

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

Ordering data

Order No.	Type	Colour	Length	Width	Printing area	Qty.
2005380000	SFX 9/24 MM GE	● Yellow	24 mm	9 mm	9 x 23.5mm	1000
2005320000	SFX 9/24 MM WS	○ White	24 mm	9 mm	9 x 23.5mm	1000
2005400000	SFX 11/60 MM GE	● Yellow	60 mm	11 mm	44 x 10.5mm	1000
2005340000	SFX 11/60 MM WS	○ White	60 mm	11 mm	44 x 10.5mm	1000
2005420000	SFX 30/60 MM GE	● Yellow	60 mm	30 mm	45 x 29.5mm	300
2005360000	SFX 30/60 MM WS	○ White	60 mm	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	2005080000	RIBBON MM 80/360 SW
				2005040000	RIBBON MM 80/300 WS



Ordering data

Order No.	Type	Colour	Length	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	2005080000	RIBBON MM 80/360 SW
				2005040000	RIBBON MM 80/300 WS

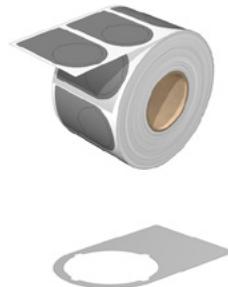


Ordering data

Order No.	Type	Colour	Length	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
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
2006550000	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	2005080000	RIBBON MM 80/360 SW
				2005040000	RIBBON MM 80/300 WS

**Ordering data**

Order No.	Type	Colour	Length	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**Technical data**

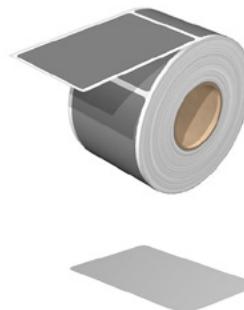
Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 80/360 SW

**Ordering data**

Order No.	Type	Colour	Diameter	Qty.
2006060000	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	2005080000	RIBBON MM 80/360 SW
				2005040000	RIBBON MM 80/300 WS

**Ordering data**

Order No.	Type	Colour	Length	Width	Qty.
2005630000	CC 15/27 MM GE	Yellow	27 mm	15 mm	450
2005660000	CC 15/27 MM GR	Grey	27 mm	15 mm	450
2005690000	CC 15/27 MM SW	Black	27 mm	15 mm	450
2005600000	CC 15/27 MM WS	White	27 mm	15 mm	450
2005520000	CC 15/45 MM GE	Yellow	45 mm	15 mm	450
2005540000	CC 15/45 MM GR	Grey	45 mm	15 mm	450
2005570000	CC 15/45 MM SW	Black	45 mm	15 mm	450
2005500000	CC 15/45 MM WS	White	45 mm	15 mm	450
2005430000	CC 15/60 MM GE	Yellow	60 mm	15 mm	450
2005460000	CC 15/60 MM GR	Grey	60 mm	15 mm	450
2005480000	CC 15/60 MM SW	Black	60 mm	15 mm	450
2005410000	CC 15/60 MM WS	White	60 mm	15 mm	450
2005350000	CC 30/60 MM GE	Yellow	60 mm	30 mm	450
2005370000	CC 30/60 MM GR	Grey	60 mm	30 mm	450
2005390000	CC 30/60 MM SW	Black	60 mm	30 mm	450
2005330000	CC 30/60 MM WS	White	60 mm	30 mm	450
2005280000	CC 85/54 MM GE	Yellow	54 mm	85 mm	450
2005290000	CC 85/54 MM GR	Grey	54 mm	85 mm	450
2005310000	CC 85/54 MM SW	Black	54 mm	85 mm	450
2005270000	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	2005080000	RIBBON MM 80/360 SW
				2005070000	RIBBON MM 110/360 SW



Ordering data

Order No.	Type	Colour	Length	Width	Qty.
2006580000	EL 12 MM GE 30M	Yellow	30000 mm	12 mm	1
2006560000	EL 12 MM SI 30M	Silver	30000 mm	12 mm	1
2006570000	EL 12 MM WS 30M	White	30000 mm	12 mm	1
2006600000	EL 15 MM GE 30M	Yellow	30000 mm	15 mm	1
2006610000	EL 15 MM SI 30M	Silver	30000 mm	15 mm	1
2006590000	EL 15 MM WS 30M	White	30000 mm	15 mm	1
2006640000	EL 27 MM GE 30M	Yellow	30000 mm	27 mm	1
2006620000	EL 27 MM SI 30M	Silver	30000 mm	27 mm	1
2006630000	EL 27 MM WS 30M	White	30000 mm	27 mm	1
2006670000	EL 38 MM GE 30M	Yellow	30000 mm	38 mm	1
2006650000	EL 38 MM SI 30M	Silver	30000 mm	38 mm	1
2006660000	EL 38 MM WS 30M	White	30000 mm	38 mm	1
2006700000	EL 60 MM GE 30M	Yellow	30000 mm	60 mm	1
2006680000	EL 60 MM SI 30M	Silver	30000 mm	60 mm	1
2006690000	EL 60 MM WS 30M	White	30000 mm	60 mm	1
2006730000	EL 100 MM GE 30M	Yellow	30000 mm	100 mm	1
2006710000	EL 100 MM SI 30M	Silver	30000 mm	100 mm	1
2006720000	EL 100 MM WS 30M	White	30000 mm	100 mm	1

Inlay tags ELS

Technical data

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40...150 °C	HB		2005080000	RIBBON MM 80/360 SW



Ordering data

Order No.	Type	Colour	Length	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
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... 25,4 mm**Technical data**

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

Ordering data

Order No.	Type	Colour	Length	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	2448880000	RIBBON MM-HS 60/300 SW

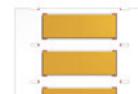
Ordering data

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



HS-HF 25.4 mm halogen-free**Technical data**

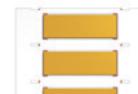
Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW

**Ordering data**

Order No.	Type	Colour	Length	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
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
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
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
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	Length	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 13 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55 °C...135 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300



Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
1489620000	HSS 0.8-2.4 EL W13M	White	13000 mm	0.8 - 2.4 mm	1
1489530000	HSS 0.8-2.4 EL Y13M	Yellow	13000 mm	0.8 - 2.4 mm	1
1489630000	HSS 1.0-3.2 EL W13M	White	13000 mm	1 - 3.2 mm	1
1489540000	HSS 1.0-3.2 EL Y13M	Yellow	13000 mm	1 - 3.2 mm	1
1489640000	HSS 1.6-4.8 EL W13M	White	13000 mm	1.6 - 4.8 mm	1
1489550000	HSS 1.6-4.8 EL Y13M	Yellow	13000 mm	1.6 - 4.8 mm	1
1489650000	HSS 2.1-6.4 EL W13M	White	13000 mm	2.1 - 6.4 mm	1
1489560000	HSS 2.1-6.4 EL Y13M	Yellow	13000 mm	2.1 - 6.4 mm	1
1489660000	HSS 3.2-9.5 EL W13M	White	13000 mm	3.2 - 9.5 mm	1
1489570000	HSS 3.2-9.5 EL Y13M	Yellow	13000 mm	3.2 - 9.5 mm	1
1489670000	HSS 4.2-12.7 EL W13M	White	13000 mm	4.2 - 12.7 mm	1
1489580000	HSS 4.2-12.7 EL Y13M	Yellow	13000 mm	4.2 - 12.7 mm	1
1489680000	HSS 6.4-19.1 EL W13M	White	13000 mm	6.4 - 19.1 mm	1
1489590000	HSS 6.4-19.1 EL Y13M	Yellow	13000 mm	6.4 - 19.1 mm	1

HSS... Endless 30 meters

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	3:1	-55 °C...135 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300



Ordering data

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
1505840000	HSS 0.8-2.4 EL W30M	White	30000 mm	0.8 - 2.4 mm	1
1505760000	HSS 0.8-2.4 EL Y30M	Yellow	30000 mm	0.8 - 2.4 mm	1
1505850000	HSS 1.0-3.2 EL W30M	White	30000 mm	1 - 3.2 mm	1
1505770000	HSS 1.0-3.2 EL Y30M	Yellow	30000 mm	1 - 3.2 mm	1
1505860000	HSS 1.6-4.8 EL W30M	White	30000 mm	1.6 - 4.8 mm	1
1505780000	HSS 1.6-4.8 EL Y30M	Yellow	30000 mm	1.6 - 4.8 mm	1
1505870000	HSS 2.1-6.4 EL W30M	White	30000 mm	2.1 - 6.4 mm	1
1505790000	HSS 2.1-6.4 EL Y30M	Yellow	30000 mm	2.1 - 6.4 mm	1
1505880000	HSS 3.2-9.5 EL W30M	White	30000 mm	3.2 - 9.5 mm	1
1505890000	HSS 3.2-9.5 EL Y30M	Yellow	30000 mm	3.2 - 9.5 mm	1
1505890000	HSS 4.2-12.7 EL W30M	White	30000 mm	4.2 - 12.7 mm	1
1505810000	HSS 4.2-12.7 EL Y30M	Yellow	30000 mm	4.2 - 12.7 mm	1
1505900000	HSS 6.4-19.1 EL W30M	White	30000 mm	6.4 - 19.1 mm	1
1505820000	HSS 6.4-19.1 EL Y30M	Yellow	30000 mm	6.4 - 19.1 mm	1
1505910000	HSS 8.5-25.4 EL W30M	White	30000 mm	8.5 - 25.4 mm	1
1505830000	HSS 8.5-25.4 EL Y30M	Yellow	30000 mm	8.5 - 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 °C...105 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300

**Ordering data**

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

HSS-HF... Halogen-free Endless 10 meters**Technical data**

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55 °C...105 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300

**Ordering data**

Order No.	Type	Colour	Length	Conductor O.D.	Qty.
1423390000	HSS-HF 9.5-19.1 EL W10M	○ White	10000 mm	9.5 - 19.1 mm	1
1423280000	HSS-HF 9.5-19.1 EL Y10M	● Yellow	10000 mm	9.5 - 19.1 mm	1
1423410000	HSS-HF 12.7-25.4 EL W10M	○ White	10000 mm	12.7 - 25.4 mm	1
1423290000	HSS-HF 12.7-25.4 EL Y10M	● Yellow	10000 mm	12.7 - 25.4 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 °C...105 °C	90 °C	1426210000	RIBBON HSS HF EL 40/300

**Ordering data**

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

THM Endless**Technical data**

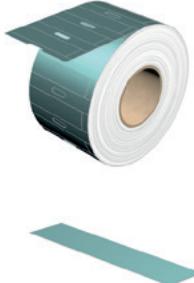
Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polyester	-40 °C...150 °C	V-0	Acrylate adhesive	2005070000	RIBBON MM 110/360 SW

**Ordering data**

Order No.	Type	Colour	Length	Width	Qty.
1419980000	THM EL 100 GE 30M	Yellow	30000 mm	100 mm	1
1517270000	THM EL 100 SI 30M	Silver	30000 mm	100 mm	1
1420010000	THM EL 100 WS 30M	White	30000 mm	100 mm	1
1517190000	THM EL 30 GE 30M	Yellow	30000 mm	30 mm	1
1517200000	THM EL 30 SI 30M	Silver	30000 mm	30 mm	1
1517180000	THM EL 30 WS 30M	White	30000 mm	30 mm	1
1517230000	THM EL 50 GE 30M	Yellow	30000 mm	30 mm	1
1517240000	THM EL 50 SI 30M	Silver	30000 mm	50 mm	1
1517220000	THM EL 50 WS 30M	White	30000 mm	50 mm	1
1391400000	THM EL 60 SI 30M	Silver	50000 mm	60 mm	1

THM ET**Technical data**

Material	Temperature range	Fire class acc. to UL 94	Adhesive	Order No.	Type
Polypropylene	-30 °C...100 °C	HB		2005080000	RIBBON MM 80/360 SW

**Ordering data**

Order No.	Type	Colour	Length	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	22.9 mm	500
2093010000	THM ET S7 1500-13 TU	Turquoise	108.8 mm	22.9 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
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**Technical data**

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

**Ordering data**

Order No.	Type	Colour	Length	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
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
1059880000	THM GEW 20/8 GE	Yellow	20 mm	8 mm	10000
1059870000	THM GEW 20/8 WS	White	20 mm	8 mm	10000

THM MT**Technical data**

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

**Ordering data**

Order No.	Type	Colour	Length	Width	Qty.
1778170000	THM MT30x 101/150 SI/G	● Silver	101 mm	150 mm	250
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
2455620000	THM MT30X 101/74 WS	○ White	101 mm	74 mm	500
1061810000	THM MT30X 101/74 GE	● Yellow	101 mm	74 mm	500
1762960001	THM MT30X 101/74 SI	● Silver	101 mm	74 mm	500
1391390000	THM MT30X 12/6 GE	● Yellow	12 mm	6 mm	10000
1072690000	THM MT30X 15/4 GE	● Yellow	15 mm	4 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
1852520000	THM MT30X 16/7 GE	● Yellow	16 mm	7 mm	12500
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
1753241687	THM MT30X 20/8 GE	● Yellow	20 mm	8 mm	10000
1753241044	THM MT30X 20/8 WS	○ White	20 mm	8 mm	10000
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
1751761044	THM MT30X 26/10 WS	○ White	26 mm	10 mm	10000
1753261687	THM MT30X 30/20 GE	● Yellow	30 mm	20 mm	6000
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
1751831687	THM MT30X 65/35 GE	● Yellow	65 mm	35 mm	1000
1751830001	THM MT30X 65/35 SI	● Silver	65 mm	35 mm	1000
1751831044	THM MT30X 65/35 WS	○ White	65 mm	35 mm	1000
1003410000	THM MT30X 89/60 SI	● Silver	89 mm	60 mm	1000

THM WriteOn**Technical data**

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

**Ordering data**

Order No.	Type	Colour	Labelling field	Conductor O.D.	Qty.
1856640000	THM WO 12/18 WS	○ White	12 x 9 mm	1 - 3 mm	10000
1429450000	THM WO 15/140 WS	○ White	70 x 15 mm	1 - 22,3 mm	500
1429440000	THM WO 15/70 WS	○ White	30 x 15 mm	1 - 12,7 mm	500
1774380000	THM WO 17,8/34 WS	○ White	13 x 17,8 mm	1 - 7,6 mm	3000
2004970000	THM WO 24,5/100 WS	○ White	25 x 24,5 mm	1 - 12 mm	2000
1109130000	THM WO 24,5/62 WS	○ White	19,05 x 24,5 mm	1 - 13,7 mm	2500
1109140000	THM WO 25,4/95,2 WS	○ White	25,4 x 25,4 mm	1 - 22,3 mm	1000
1751561044	THM WO 25/140 WS	○ White	26 x 25 mm	1 - 36,4 mm	1050
1774350000	THM WO 25/76 WS	○ White	15 x 25 mm	1 - 14,1 mm	1800
1774400000	THM WO 33,5/93,1 WS	○ White	25 x 33,5 mm	1 - 22 mm	500
1109150000	THM WO 50,8/150 WS	○ White	25,4 x 50,8 mm	1 - 39,7 mm	500
1934190000	THM WO 51/36 WS	○ White	12,7 x 50,8 mm	1 - 12,1 mm	1000

Printers and accessories

MultiMark

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



Cutting blade

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



Ink ribbons

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



External roll holder for THM MMP

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



Trolley case for THM MMP

Order No.	Type	Explanation
2457760000	THM MMP CASE	Mobile and light: the THM MMP trolley case with compartments for accessories.



PrintJet ADVANCED and THM MMP 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.



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Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 16
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
info@weidmueller.com
www.weidmueller.com

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