

Workplace Solutions

With our MultiMark Marking System

You will experience more productivity in your workplace



Weidmüller 

MultiMark in use

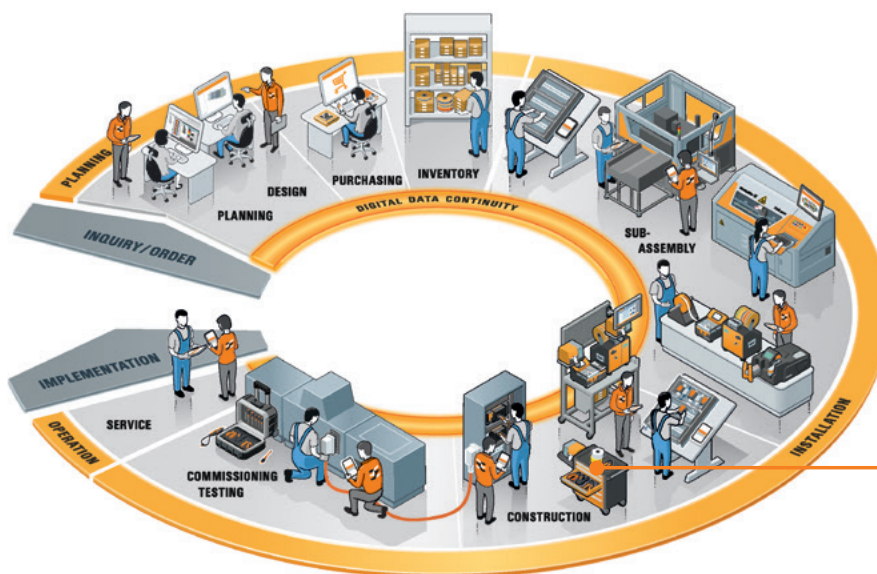
Professional and user-friendly

In times of full order books and a lack of specialists, a key success factor is to optimize your value-added processes. Being faster, being better and being more profitable are clear differentiation factors in this environmental situation – also applicable for the panel building sector.

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.

Special features:

- Reliable and fast printing
- Processing of a wide variety of print media
- Compact, innovative design
- Optional cutting and perforation function
- Versatile application



With Weidmuller, you have a powerful partner at your side who supports you with optimally coordinated solutions for your workshop in all phases. Based on many years of practical experience in all aspects of control cabinet construction, we offer you a comprehensive portfolio with which you can effectively accelerate your processes and increase your quality.

Discover your optimization potential now:
www.weidmuller.com/workplace

Identification with MultiMark

The concept for cost-effective marking

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 labeled. 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.



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.

Marking systems for the entire cabinet

MultiMark is the smart all-in-one solution

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 1400 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



SFM: The wire markers have an open design and can be easily and quickly installed before or after the wiring process





ESG: All-purpose equipment identification – simple labeling 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

MultiMark thermal transfer printer

The compact all-rounders

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 very legible and resistant to external influences. The THM MultiMark PLUS printer is the ideal partner for medium to large print volumes.

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.

THM MultiMark PLUS

The THM MultiMark PLUS is designed for medium to high print volumes. Its robust design makes the printer particularly suitable for industrial environments.



THM MultiMark

The THM MultiMark is a compact and modular thermal transfer printer which is particularly beneficial when processing continuous materials. The optional cutting and perforating function allows the continuous material to be divided into any length.



Terminalblock Dekafix, WS and MultiFit

Make your labeling more efficient

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



Wire markers TM-I, WM, SFM and HS

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.

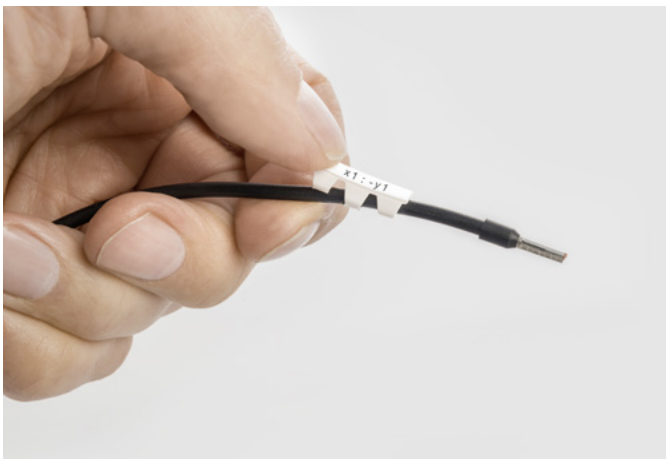
Undetachable: WM

Our closed, undetachable 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 colors. This provides you with just the right assortment for carrying out the everyday task of labeling wires in a control cabinet.



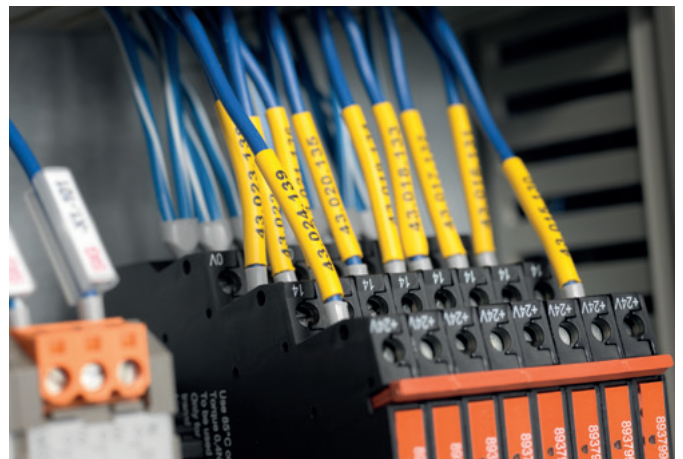
Simple and fast: SFM

The new SlimFix wire marker can be printed and snapped on particularly quickly. At the same time, they meet the highest requirements for vibration and shock resistance. The wire markers have an open design and can be easily and quickly installed before or after the wiring process.



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. Once you have set the desired marker length in the software M-Print® PRO for the HSS-...EL marker, the perforations are automatically added by the perforating appliance.



Your benefits with MultiMark

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

Cable markers SFX

Make your cable markings flexible

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. 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 labeling needs.



	SFX	SFX-VT	SFX-DT
Operating temperature	- 40° to 90° C	- 55° to 105°C	- 30° to 90°C
Material	Polyurethane	Polyolefine	Polyethylene
FireClass UL94	HB	HB	HB
Special property	Tear resistance, Light resistance	Low smoke emission, toxicity class	Detectable
Sizes	9/24, 11/60, 30/60	9/24, 11/60	9/24, 11/60
Target industry	General control panel building	Railway, Approved according to EN 45545-2 HL3, PV-Application	Food and Beverage, FDA approved base material
Halogen free	yes	yes	yes

Wrap around labels THM WriteOn

Make your markings high durable

Safe: THM WriteOn

The WriteOn wrap around labels are used to label wires and cables up to an outside diameter of 36 mm. The transparent adhesive strip fixes and protects the printing on the marker surface.

Fast: THM WriteOn-Q

The new THM WO-Q and THM WO-QX have a special type of carrier material and therefore make it easier to separate the labels in each case. In addition, the THM WO-QX have perforations in the transparent protective film and therefore enable versatile mounting on different conductor diameters.



	THM WO / -Q / -QX	THM WO VIN / -Q / -QX	THM WO T
Operating temperature	- 55° to 150°C	- 40° to 80°C	- 40° to 140°C
Material	Polyester	PVC	PVF Tedlar®
Film thickness	0.025 mm	0.08 mm	0.025 mm
Adhesive	Acrylic	Acrylic	Acrylic
UL listing	UL 969, section PGJ12, Printing materials	UL 969, section PGJ12, Printing materials	UL 969, section PGJ12, Printing materials
FireClass UL94	V-0	V-0	V-0
Halogen free	yes	no	no
Properties	Very resistant material	Very flexible material	Higher abrasion resistance, lower moisture permeability, Higher tear resistance

- WO-Q = Easy removal of the markers from the backing material
- WO-QX = Easy removal of the markers from the backing material + perforation in the transparent protective film

Device markers

Make your systems secure

Type plates, 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.

Resistant: 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 labeling are achieved.

Particularly flexible: THM GEW

Woven-fabric labels are made from a very flexible cotton fabric. The high adhesion values enable flexible application, especially on rough surfaces.

Passgenau: THM ET S7

THM ET S7 are non-adhesive, roll packaged labels and are used to label the SIMATIC 200SP, S7-1500, S7-300 and S7-400 modules from Siemens.

Standard included: ESG, SM & CC

MultiMark device markers are set up for cross-manufacturer manufacturer-independent equipment labeling. In various application areas, they ensure the unambiguous allocation of all components, such as control and signalling devices from different suppliers. They can also be used as type plates, for example.

	THM MT30X / THM EL	THM GEW	ESG / SM / CC / EL
Operating temperature	- 55° to 150°C	- 30° to 80°C	- 40° to 120°C
Material	Polyester	Vinyl Cotton	2 Polyester films
Film thickness	0.05 mm	0.15 mm	0.101 mm
Adhesive	Acrylic	Rubber	Acrylic
Adhesive strength steel	7 N/cm	7.40 N/cm	9.5-10 N/cm
Adhesive strength Polypropylene	5 N/cm	7.40 N/cm	8.5-12 N/cm
Adhesive thickness	0.01 mm	0.03 mm	0.03 mm
Application	For flat surfaces, Standard and most used material	Very flexible material for uneven surfaces	For even and slightly rough surfaces, when strong adhesive is important



ESG-FO / SM- FO / CC-FO	THM PV / THM SE	THM ET S7
- 30° to 80°C	- 50° to 110°C	-30° to 100°C
Polyester	Vinyl film	Polypropylene film
0.101 mm	0.05 mm	0.25 mm
Foam Adhesive	Acrylic	No Adhesive
12-17 N/cm	15-19 N/cm	
1.5-3.5 N/cm		
0.5 mm		
For uneven surfaces, When high visual quality is important	For PV applications, UV-resistant and suitable for outdoor use	Identification plates for modules of the company Siemens

Customised labeling: EL & THM EL

The MultiMark continuous variants come into play as an economical alternative to conventional tag rails or special labels. With a predefined width, the length can be configured in the software to precisely fit the marker to be created.

Resistant in any weather: THM PV

The high-quality vinyl material is UV-resistant according to ISO 4892-2 and is therefore the ideal solution for outdoor use or your PV system.

Mark securely: THM SE

With the neutral safety labels, standard-compliant labeling in accordance with ISO 7010 can now be implemented flexibly and easily.

Your benefits with MultiMark

- Use of high-quality materials for long-lasting labeling
- Perfectly matched to the equipment to be marked from many manufacturers
- Wide range of variants in the different areas of application
- Automatic positioning of the labels in the printer for perfect centring of the print

Terminal block markers

Dekafix, WS, MultiFit and EL KSM

Terminal block markers Dekafix

Technical data

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

Ordering data DEK

Type		Color	Height	Width	Qty.	Order No.
DEK 5/3,5 MM WS	○	White	5 mm	3.5 mm	1000	2007100000
DEK 5/3,5 MM BP WS*	○	White	5 mm	3.5 mm	15000	2619760000
DEK 5/5 MM WS	○	White	5 mm	5 mm	800	2007110000
DEK 5/5 MM BP WS*	○	White	5 mm	5 mm	10000	2619770000
DEK 5/6 MM WS	○	White	5 mm	6 mm	600	2007120000
DEK 5/6 MM BP WS*	○	White	5 mm	6 mm	9000	2619780000
DEK 5/7,5 MM WS	○	White	5 mm	7.5 mm	500	2619920000
DEK 5/8 MM WS	○	White	5 mm	8 mm	500	2007130000
DEK 5/8 MM BP WS*	○	White	5 mm	8 mm	6000	2619790000
DEK-A 5/8 MM WS	○	White	5 mm	8.1 mm	500	2448860000

*big packaging unit



Terminal block markers WS

Technical data

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

Ordering data

Type		Color	Height	Width	Qty.	Order No.
WS 8/3,5 MM WS	○	White	8 mm	3.5 mm	1000	2007140000
WS 8/3,5 MM BP WS*	○	White	8 mm	3.5 mm	11000	2619800000
WS 8/5 MM WS	○	White	8 mm	5 mm	800	2007150000
WS 8/5 MM BP WS*	○	White	8 mm	5 mm	8000	2619810000
WS 8/5,5 MM BP WS*	○	White	8 mm	5.5 mm	7000	2619880000
WS 8/6 MM WS	○	White	8 mm	6 mm	600	2007160000
WS 8/6 MM BP WS*	○	White	8 mm	6 mm	6000	2619820000
WS 8/8 MM WS	○	White	8 mm	8 mm	500	2007170000
WS 8/8 MM BP WS*	○	White	8 mm	8 mm	5000	2619830000
WS-A 8/8 MM WS	○	White	8 mm	8.1 mm	500	2448930000
WS-A 8/10 MM WS	○	White	8 mm	10 mm	350	2619890000
WS-A 8/12 MM WS	○	White	8 mm	12 mm	300	2619900000
WS-A 8/16 MM WS	○	White	8 mm	16 mm	200	2619910000
WS 10/5 MM WS	○	White	10 mm	5 mm	800	2712130000
WS 10/6 MM WS	○	White	10 mm	6 mm	600	2712140000
WS 12/3,5 MM WS	○	White	12 mm	3.5 mm	1000	2007180000
WS 12/3,5 MM BP WS*	○	White	12 mm	3.5 mm	8000	2619840000
WS 12/5 MM WS	○	White	12 mm	5 mm	800	2007190000
WS 12/5 MM BP WS*	○	White	12 mm	5 mm	5500	2619850000
WS 12/6 MM WS	○	White	12 mm	6 mm	600	2007200000
WS 12/6 MM BP WS*	○	White	12 mm	6 mm	4500	2619860000
WS 12/6,5 MM WS	○	White	12 mm	6.5 mm	500	2619930000
WS 12/8 MM WS	○	White	12 mm	8 mm	500	2007210000
WS 12/8 MM BP WS*	○	White	12 mm	8 mm	3500	2619870000
WS-A 12/8 MM WS	○	White	12 mm	8.1 mm	500	2448920000

*big packaging unit



Terminal block markers MF for Phoenix

Technical data

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



Ordering data

Type	Color	Height	Width	Qty.	Order No.
MF 5/3.5 MM WS	○ White	5 mm	3.5 mm	1750	2885900000
MF 5/4.2 MM WS	○ White	5 mm	4.2 mm	1500	2885910000
MF 5/5 MM WS	○ White	5 mm	5 mm	1200	2519200000
MF 5/5 MM WS	○ White	5 mm	5 mm	1200	2519200000
MF 5/5 MM BP WS*	○ White	5 mm	5 mm	10000	2619730000
MF 5/6 MM WS	○ White	5 mm	6 mm	1000	2519210000
MF 5/6 MM BP WS*	○ White	5 mm	6 mm	9000	2619740000
MF 5/7.6 MM WS	○ White	5 mm	7.6 mm	800	2885920000
MF 5/8 MM WS	○ White	5 mm	8 mm	800	2885930000
MF 5/10 MM WS	○ White	5 mm	10 mm	600	2885940000
MF 5/12 MM WS	○ White	5 mm	12 mm	500	2885950000
MF 5/16 MM WS	○ White	5 mm	16 mm	500	2885960000
MF 8/5 MM WS	○ White	8 mm	5 mm	600	2518500000
MF 8/5 MM BP WS*	○ White	8 mm	5 mm	5500	2729340000
MF 10/3.5 MM WS	○ White	10 mm	3.5 mm	900	2885970000
MF 10/4.2 MM WS	○ White	10 mm	4.2 mm	800	2885980000
MF 10/5 MM WS	○ White	10 mm	5 mm	600	2519170000
MF 10/5 MM BP WS*	○ White	10 mm	5 mm	4500	2712150000
MF 10/6 MM WS	○ White	10 mm	6 mm	500	2519180000
MF 10/6 MM BP WS*	○ White	10 mm	6 mm	3800	2712160000
MF 10/7.6 MM WS	○ White	10 mm	7.6 mm	300	2885990000
MF 10/8 MM WS	○ White	10 mm	8 mm	400	2519190000
MF 10/8 MM BP WS*	○ White	10 mm	8 mm	2800	2712170000
MF 10/10 MM WS	○ White	10 mm	10 mm	200	2886000000
MF 10/12 MM WS	○ White	10 mm	12 mm	150	2886010000
MF 10/16 MM WS	○ White	10 mm	16 mm	150	2886020000

*big packaging unit

Terminal block markers MF-W for WAGO

Technical data

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



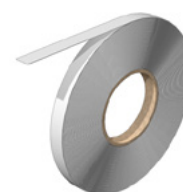
Ordering data

Type	Color	Height	Width	Qty.	Order No.
MF-W 9/5.2 F MM WS	○ Weiß	9 mm	5.2 mm	800	2519250000
MF-W 9/5 F MM WS	○ Weiß	9 mm	5 mm	800	2519240000
MF-W 9/5 MM WS	○ Weiß	9 mm	5 mm	1200	2519230000

Terminal block markers EL KSM - Endless

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polyester	-40...150 °C	HB	2005080000	RIBBON MM 76/360 SW



Ordering data

Type	Color	Width	Length	Qty.	Order No.
EL KSM 7.6 MM WS 30M	○ White	7.6 mm	30000 mm	1	2922670000
EL KSM 8.8 MM WS 30M	○ White	8.8 mm	30000 mm	1	2799270000
EL KSM 10.6 MM WS 30M	○ White	10.6 mm	30000 mm	1	2799280000

Wire and cable markers

TM-I, WM, SFM, SFX, ELS, THM ET, THM WriteOn and shrink sleeves

Wire markers TM-I

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polyester	-40...150 °C	HB	2005080000	RIBBON MM 76/360 SW



Ordering data

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

TM/HF sleeves

Technical data

Material	Temperature range	UL 94 flammability rating	Color
Polyethylene LD	-40...80 °C	HB	Transparent



Ordering data

Type	Height	Wire O.D.	Connection cross-section	Qty.	Order No.
TM 0/12 HF/HB	12 mm	1.3 - 2 mm	0.22 - 0.5 mm ²	1000	1719760000
TM 0/18 HF/HB	18 mm	1.3 - 2 mm	0.22 - 0.5 mm ²	1000	1719770000
TM 1/12 HF/HB	12 mm	1.8 - 2.5 mm	0.5 - 1.5 mm ²	1000	1719780000
TM 1/18 HF/HB	18 mm	1.8 - 2.5 mm	0.5 - 1.5 mm ²	1000	1719790000
TM 2/12 HF/HB	12 mm	2.5 - 4 mm	0.75 - 2.5 mm ²	1000	1719800000
TM 2/18 HF/HB	18 mm	2.5 - 4 mm	0.75 - 2.5 mm ²	1000	1719810000
TM 3/12 HF/HB	12 mm	4 - 6.5 mm	2.5 - 6 mm ²	500	1719820000
TM 3/18 HF/HB	18 mm	4 - 6.5 mm	2.5 - 6 mm ²	500	1719830000
TM 4/12 HF/HB	12 mm	6 - 10 mm	10 - 35 mm ²	500	1719840000
TM 4/18 HF/HB	18 mm	6 - 10 mm	10 - 35 mm ²	500	1719850000
TM 5/12 HF/HB	12 mm	9 - 15 mm	25 - 70 mm ²	200	1719860000
TM 5/18 HF/HB	18 mm	9 - 15 mm	25 - 70 mm ²	200	1719870000
TM 6/12 HF/HB	12 mm	15 - 24 mm	35 - 150 mm ²	200	1719880000
TM 6/18 HF/HB	18 mm	15 - 24 mm	35 - 150 mm ²	200	1719890000
TMX 18 HF/HB	18 mm	10 - 317 mm	16 - 150 mm ²	500	1748820000
TM 0/18 TWIN HF/HB	18 mm	1.3 - 2.6 mm	0.22 - 1.5 mm ²	500	1891810000
TM 01/18 TWIN HF/HB	18 mm	2.4 - 4 mm	1.5 - 2.5 mm ²	500	1891780000

TM sleeves

Technical data

Material	Temperature range	UL 94 flammability rating	Color
PVC	-50...80 °C	V-0	Transparent



Ordering data

Type	Height	Wire O.D.	Connection cross-section	Qty.	Order No.
TM 200/15 V0	15 mm	1 - 1.5 mm	0.22 - 1 mm ²	1000	1798650000
TM 201/12 V0	12 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000	1798640000
TM 201/15 V0	15 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000	1798620000
TM 201/18 V0	18 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000	1798600000
TM 201/20 V0	20 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	1000	1798580000
TM 201/30 V0	30 mm	1.5 - 2.5 mm	0.25 - 1.5 mm ²	500	1874850000
TM 202/12 V0	12 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000	1798560000
TM 202/15 V0	15 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000	1798540000
TM 202/18 V0	18 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000	1798530000
TM 202/20 V0	20 mm	2 - 4 mm	0.5 - 2.5 mm ²	1000	1798520000
TM 202/30 V0	30 mm	2 - 4 mm	0.5 - 2.5 mm ²	500	1874760000
TM 203/12 V0	12 mm	4 - 7 mm	2.5 - 10 mm ²	500	1798510000
TM 203/15 V0	15 mm	4 - 7 mm	2.5 - 10 mm ²	500	1798490000
TM 203/18 V0	18 mm	4 - 7 mm	2.5 - 10 mm ²	500	1798480000
TM 203/20 V0	20 mm	4 - 7 mm	2.5 - 10 mm ²	500	1798470000
TM 203/30 V0	30 mm	4 - 7 mm	2.5 - 10 mm ²	200	1874770000
TM 204/12 V0	12 mm	6 - 10 mm	6 - 16 mm ²	500	1806180000
TM 204/15 V0	15 mm	6 - 10 mm	6 - 16 mm ²	500	1806240000
TM 204/18 V0	18 mm	6 - 10 mm	6 - 16 mm ²	500	1806300000
TM 204/20 V0	20 mm	6 - 10 mm	6 - 16 mm ²	500	1806360000
TM 204/30 V0	30 mm	6 - 10 mm	6 - 16 mm ²	200	1874780000
TM 205/12 V0	12 mm	10 - 14 mm	16 - 35 mm ²	200	1806190000
TM 205/15 V0	15 mm	10 - 14 mm	16 - 35 mm ²	200	1806250000
TM 205/18 V0	18 mm	10 - 14 mm	16 - 35 mm ²	200	1806310000
TM 205/20 V0	20 mm	10 - 14 mm	16 - 35 mm ²	200	1806370000
TM 205/30 V0	30 mm	10 - 14 mm	16 - 35 mm ²	200	1874790000
TM 206/12 V0	12 mm	14 - 22 mm	35 - 120 mm ²	200	1806200000
TM 206/15 V0	15 mm	14 - 22 mm	35 - 120 mm ²	200	1806260000
TM 206/18 V0	18 mm	14 - 22 mm	35 - 120 mm ²	200	1806320000
TM 206/20 V0	20 mm	14 - 22 mm	35 - 120 mm ²	200	1806380000
TM 206/30 V0	30 mm	14 - 22 mm	35 - 120 mm ²	100	1874800000
TMX 30 V0	30 mm	10 - 317 mm	16 - 150 mm ²	400	1866680000

Wire markers WM

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polyester	-40...150 °C	HB	2005080000	RIBBON MM 80/360 SW



Ordering data

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

Wire markers SFM

Technical data

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



Ordering data SFM 2*

Type	Color	Height / Width	Wire O.D.	Labeling field	Qty.	Order No.
SFM 2/12 1.8-2.5 MM GE	Yellow	12 / 4.6 mm	1.8 - 2.5 mm	9.5 x 3.3 mm	1400	2719120000
SFM 2/12 1.8-2.5 MM WS	White	12 / 4.6 mm	1.8 - 2.5 mm	9.5 x 3.3 mm	1400	2719090000
SFM 2/18 1.8-2.5 MM GE	Yellow	18 / 4.6 mm	1.8 - 2.5 mm	15.5 x 3.3 mm	900	2719130000
SFM 2/18 1.8-2.5 MM WS	White	18 / 4.6 mm	1.8 - 2.5 mm	15.5 x 3.3 mm	900	2719100000
SFM 2/24 1.8-2.5 MM GE	Yellow	24 / 4.6 mm	1.8 - 2.5 mm	21.5 x 3.3 mm	700	2719140000
SFM 2/24 1.8-2.5 MM WS	White	24 / 4.6 mm	1.8 - 2.5 mm	21.5 x 3.3 mm	700	2719110000

*Required accessories on page 42

Ordering data SFM 3*

Type	Color	Height / Width	Wire O.D.

Wire and cable markers

Cable markers SFX

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polyurethane	-40...90 °C	HB	2005040000	RIBBON MM 84/300 WS
			2005080000	RIBBON MM 76/360 SW



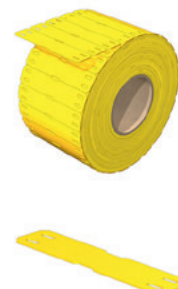
Ordering data

Type	Color	Height / Width	Labeling field	Qty.	Order No.
SFX 9/24 MM BL	Blue	26 / 15 mm	9 x 23.5 mm	1000	2519100000
SFX 9/24 MM GE	Yellow	26 / 15 mm	9 x 23.5 mm	1000	2005380000
SFX 9/24 MM GN	Green	26 / 15 mm	9 x 23.5 mm	1000	2519080000
SFX 9/24 MM RT	Red	26 / 15 mm	9 x 23.5 mm	1000	2519090000
SFX 9/24 MM SW	Black	26 / 15 mm	9 x 23.5 mm	1000	2519070000
SFX 9/24 MM WS	White	26 / 15 mm	9 x 23.5 mm	1000	2005320000
SFX 9/24 MM BP WS	White	26 / 15 mm	9 x 23.5 mm	9000	2712090000
SFX 9/24 MM BP GE	Yellow	26 / 15 mm	9 x 23.5 mm	9000	2712100000
SFX 11/60 MM BL	Blue	60 / 11 mm	44 x 10.5 mm	1000	2519060000
SFX 11/60 MM GE	Yellow	60 / 11 mm	44 x 10.5 mm	1000	2005400000
SFX 11/60 MM GN	Green	60 / 11 mm	44 x 10.5 mm	1000	2519050000
SFX 11/60 MM RT	Red	60 / 11 mm	44 x 10.5 mm	1000	2519040000
SFX 11/60 MM SW	Black	60 / 11 mm	44 x 10.5 mm	1000	2518650000
SFX 11/60 MM WS	White	60 / 11 mm	44 x 10.5 mm	1000	2005340000
SFX 11/60 MM BP WS	White	60 / 11 mm	44 x 10.5 mm	6000	2712110000
SFX 11/60 MM BP GE	Yellow	60 / 11 mm	44 x 10.5 mm	6000	2712120000
SFX 30/60 MM BL	Blue	60 / 30 mm	45 x 29.5 mm	300	2519140000
SFX 30/60 MM GE	Yellow	60 / 30 mm	45 x 29.5 mm	300	2005420000
SFX 30/60 MM GN	Green	60 / 30 mm	45 x 29.5 mm	300	2519110000
SFX 30/60 MM RT	Red	60 / 30 mm	45 x 29.5 mm	300	2519130000
SFX 30/60 MM SW	Black	60 / 30 mm	45 x 29.5 mm	300	2519120000
SFX 30/60 MM WS	White	60 / 30 mm	45 x 29.5 mm	300	2005360000

Cable markers SFX-VT

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polyolefine	-55...105 °C	HB	2448880000	RIBBON MM-HS 60/300 SW



Ordering data

Type	Color	Height / Width	Labeling field	Qty.	Order No.
SFX-VT 9/24 MM GE	Yellow	26 / 15 mm	9 x 23.5 mm	1000	2621460000
SFX-VT 9/24 MM WS	White	26 / 15 mm	9 x 23.5 mm	1000	2621470000
SFX-VT 9/24 MM BL	Blue	9 / 24 mm	9 x 23.5 mm	1000	2799320000
SFX-VT 9/24 MM RT	Red	9 / 24 mm	9 x 23.5 mm	1000	2799310000
SFX-VT 11/60 MM GE	Yellow	60 / 10.5 mm	44 x 10.5 mm	1000	2621440000
SFX-VT 11/60 MM WS	White	60 / 10.5 mm	44 x 10.5 mm	1000	2621450000
SFX-VT 11/60 MM RT	Red	60 / 10.5 mm	44 x 10.5 mm	1000	2900960000
SFX-VT 11/60 MM BL	Blue	60 / 10.5 mm	44 x 10.5 mm	1000	2900970000

Cable markers SFX-DT

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polyethylen	-30...65 °C	HB	2448880000	RIBBON MM-HS 60/300 SW



Ordering data

Type	Color	Height / Width	Labeling field	Qty.	Order No.
SFX-DT 9/24 MM BL	Blue	26 / 15 mm	9 x 23.5 mm	1000	2621490000
SFX-DT 11/60 MM BL	Blue	60 / 10.5 mm	44 x 10.5 mm	1000	2621480000

Inlay tags ELS

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polyester	-40...150 °C	HB	2005080000	RIBBON MM 76/360 SW



Ordering data

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

Transparent sleeve WKM for ELS

Technical data

Material	Temperature range	UL 94 flammability rating	Color
Polypropylen	-40...80 °C	HB	Transparent



Ordering data

Type	Color	Height	Width	Qty.	Order No.
WKM 8/20	Transparent	20 mm	8 mm	50	1753490000
WKM 8/30	Transparent	30 mm	8 mm	50	1631910000
WKM 18/43	Transparent	43 mm	18 mm	50	1610700000

Cable markers THM ET

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polypropylene	-50...100 °C	HB	2448880000	RIBBON MM-HS 60/300 SW



Ordering data

Type	Color	Height / Width	Labeling field	Qty.	Order No.
THM ET 28/28 WS	○ White	28 / 28 mm	17 / 28 mm	1500	2539410000
THM ET 55/55 WS	○ White	55 / 55 mm	41 / 55 mm	1000	2539380000
THM ET DIA 55 WS	○ White	Ø 5.5 mm	55 mm	1000	2539400000
THM ET TA 58/55 WS	○ White	58 / 55 mm	30 / 20 mm	1000	2539390000

THM WriteOn

Technical data

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



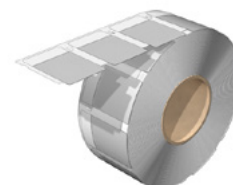
Ordering data

Type		Color	Height	Width	Qty.	Order No.
THM WQ 12/18 GE	●	Yellow	12 mm	18 mm	10000	1856630000
THM WQ 12/18 WS	○	White	12 mm	18 mm	10000	1856640000
THM WQ 14/22 WS	○	White	22 mm	14 mm	50000	2621530000
THM WQ 15/140 WS	○	White	15 mm	140 mm	500	1429450000
THM WQ 15/70 WS	○	White	15 mm	70 mm	500	1429440000
THM WQ 17.8/34 WS	○	White	17.8 mm	33.9 mm	3000	1774380000
THM WQ 20/32 WS	○	White	32 mm	20 mm	3000	2621500000
THM WQ 24/69 WS	○	White	69 mm	24 mm	1000	2621520000
THM WQ 24.5/100 WS	○	White	25.4 mm	100 mm	2000	2004970000
THM WQ 24.5/62 WS	○	White	24.5 mm	62 mm	2500	1109130000
THM WQ 25/37 WS	○	White	37 mm	25 mm	2500	2621510000
THM WQ 25/140 GE	●	Yellow	25 mm	140 mm	1050	1751561687
THM WQ 25/140 WS	○	White	25 mm	140 mm	1050	1751561044
THM WQ 25/76 GE	●	Yellow	25 mm	76 mm	1800	1774340000
THM WQ 25/76 WS	○	White	25 mm	76 mm	1800	1774350000
THM WQ 25.4/93 WS	○	White	25.4 mm	93 mm	500	2711990000
THM WQ 25.4/95.2 WS	○	White	25.4 mm	95.2 mm	1000	1109140000
THM WQ 33.5/93.1 GE	●	Yellow	33.5 mm	93.1 mm	500	1774410000
THM WQ 33.5/93.1 WS	○	White	33.5 mm	93.1 mm	500	1774400000
THM WQ 50/100 SI	●	Silver	100 mm	50 mm	1000	2596610000
THM WQ 50.8/150 BL	●	Blue	50.8 mm	150 mm	500	1109190000
THM WQ 50.8/150 GE	●	Yellow	50.8 mm	150 mm	500	1109180000
THM WQ 50.8/150 RT	●	Red	50.8 mm	150 mm	500	1109170000
THM WQ 50.8/150 WS	○	White	50.8 mm	150 mm	500	1109150000
THM WQ 51/36 WS	○	White	50.8 mm	36 mm	1000	1934190000

THM WriteOn Q - for quick stripping

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester film	-40...150 °C	V-0	Polyacrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005070000	RIBBON MM 110/360 SW



Ordering data

Type		Color	Height	Width	Qty.	Order No.
THM WQ-Q 25/19.1 WS	○	White	25 mm	19.1 mm	1000	2711870000
THM WQ-Q 25/31.8 WS	○	White	25 mm	31.8 mm	1000	2711880000
THM WQ-Q 25/38.1 WS	○	White	25 mm	38.1 mm	1000	2711890000
THM WQ-Q 25/51.4 WS	○	White	25 mm	51.4 mm	1000	2711900000
THM WQ-QX 25/38.1WS*	○	White	25 mm	38.1 mm	1000	2711960000
THM WQ-QX 25/100 WS*	○	White	25 mm	100 mm	1000	2711950000

*THM WQ QX with perforated protective foil

THM WriteOn – Tedlar

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Tedlar polyvinyl fluoride film®	-40...107 °C	V-0	Polyacrylate adhesive	2005070000	RIBBON MM 110/360 SW

Ordering data

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

THM WriteOn – Vinyl

Technical data

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

Ordering data

Type		Color	Height	Width	Qty.	Order No.
THM WO VIN 12/18 WS	○	White	12 mm	18 mm	10000	1382940000
THM WO VIN 12.7/19.1 WS	○	White	12.7 mm	19.1 mm	10000	2657100000
THM WO VIN 12.7/38.1 WS	○	White	12.7 mm	38 mm	10000	2657110000
THM WO VIN 17.8/34 WS	○	White	17.8 mm	34 mm	3000	1382930000
THM WO VIN 24.5/100 WS	○	White	24.5 mm	100 mm	2000	1391430000
THM WO VIN 24.5/62 WS	○	White	24.5 mm	62 mm	2000	1391410000
THM WO VIN 25.4/19.1 WS	○	White	25.4 mm	19 mm	2000	2657120000
THM WO VIN 25.4/19.1 WS SP*	○	White	25.4 mm	19 mm	400	2657130000
THM WO VIN 25.4/31.8 WS	○	White	25.4 mm	31.8 mm	2000	2657140000
THM WO VIN 25.4/31.8 SP WS*	○	White	25.4 mm	31.8 mm	400	2657150000
THM WO VIN 25.4/36.5 WS IW	○	White	25.4 mm	36.5 mm	2500	1110600000
THM WO VIN 25.4/36.5 GE IW	●	Yellow	25.4 mm	36.5 mm	2500	2625560000
THM WO VIN 25.4/38.1 WS	○	White	25.4 mm	38 mm	2000	2657160000
THM WO VIN 25.4/38.1 SP WS*	○	White	25.4 mm	38 mm	400	2657170000
THM WO VIN 25.4/57.2 WS	○	White	25.4 mm	57.2 mm	2000	2657180000
THM WO VIN 25.4/57.2 SP WS*	○	White	25.4 mm	57.2 mm	400	2657190000
THM WO VIN 25.4/63.5 WS	○	White	25.4 mm	63.5 mm	2000	2657200000
THM WO VIN 25.4/63.5 SP WS*	○	White	25.4 mm	63.5 mm	400	2657210000
THM WO VIN 25.4/95.2 WS IW	○	White	25.4 mm	95.2 mm	1000	1110610000
THM WO VIN 25.4/95.3 WS	○	White	25.4 mm	95.3 mm	1000	2799260000
THM WO VIN 25/25 WS	○	White	25 mm	25 mm	5000	1253150000
THM WO VIN 34/70 GE	●	Yellow	34 mm	70 mm	500	2799240000
THM WO VIN 34/70 WS	○	White	34 mm	70 mm	500	2799250000
THM WO VIN 49.5/57.1 WS	○	White	49.5 mm	57.1 mm	1000	1882900000

*small packaging unit

THM WriteOn-Q VIN – for quick stripping

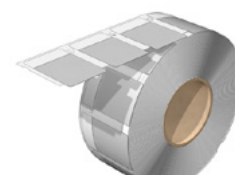
Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Vinyl film	-40...80 °C	V-0	Polyacrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005070000	RIBBON MM 110/360 SW

Ordering data

Type		Color	Height	Width	Qty.	Order No.
THM WO-Q VIN 25/19.1 WS	○	White	25 mm	19.1 mm	1000	2711910000
THM WO-Q VIN 25/31.8 WS	○	White	25 mm	31.8 mm	1000	2711920000
THM WO-Q VIN 25/38.1 WS	○	White	25 mm	38.1 mm	1000	2711930000
THM WO-QX VIN 25.4/95.2 WS IW*	○	White	25.4 mm	95.2 mm	1000	2799230000
THM WO-Q VIN 25/51.4 WS	○	White	25 mm	51.4 mm	1000	2711940000
THM WO-QX VIN 25/38.1 WS*	○	White	25 mm	38.1 mm	1000	2711980000
THM WO-QX VIN 25/100 WS*	○	White	25 mm	100 mm	1000	2711970000

*THM WO-QX VIN with perforated protective foil



HS... 12.7 mm, 25.4 mm and 50.8 mm

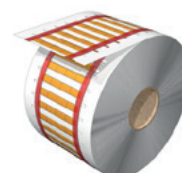
Technical data

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

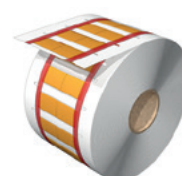


Ordering data

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



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



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

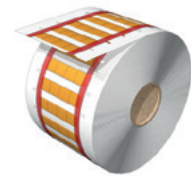


HS-HF 12.7 mm, 25.4 mm and 50.8 mm halogen-free**Technical data**

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**

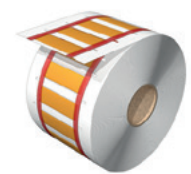
Type		Color	Height	Wire O.D.	Qty.	Order No.
HS-HF 1.2-2.4/12 MM W	○	White	12.7 mm	1.2 - 2.4 mm	4000	2526230000
HS-HF 1.2-2.4/12 MM Y	●	Yellow	12.7 mm	1.2 - 2.4 mm	4000	2526240000
HS-HF 1.6-3.2/12 MM W	○	White	12.7 mm	1.6 - 3.2 mm	4000	2526250000
HS-HF 1.6-3.2/12 MM Y	●	Yellow	12.7 mm	1.6 - 3.2 mm	4000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



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



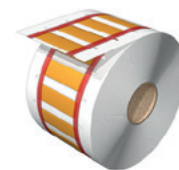
Type		Color	Height	Wire O.D.	Qty.	Order No.
HS-HF 1.2-2.4/50 MM W	○	White	50.8 mm	1.2 - 2.4 mm	1000	2437850000
HS-HF 1.2-2.4/50 MM Y	●	Yellow	50.8 mm	1.2 - 2.4 mm	1000	2437860000
HS-HF 1.6-3.2/50 MM W	○	White	50.8 mm	1.6 - 3.2 mm	1000	2437890000
HS-HF 1.6-3.2/50 MM Y	●	Yellow	50.8 mm	1.6 - 3.2 mm	1000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



HSS-FR

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...125 °C	90 °C	2448880000	RIBBON MM-HS 60/300 SW



Ordering data

Type		Color	Height	Wire O.D.	Qty.	Order No.
HS-FR 1.2-2.4/25 MM W	○	White	25 mm	1.2 - 2.4 mm	2000	2621560000
HS-FR 1.2-2.4/25 MM Y	●	Yellow	25 mm	1.2 - 2.4 mm	2000	2621570000
HS-FR 1.2-2.4/50 MM W	○	White	50 mm	1.2 - 2.4 mm	1000	2621740000
HS-FR 1.2-2.4/50 MM Y	●	Yellow	50 mm	1.2 - 2.4 mm	1000	2621750000
HS-FR 1.6-3.2/25 MM W	○	White	25 mm	1.6 - 3.2 mm	2000	2621580000
HS-FR 1.6-3.2/25 MM Y	●	Yellow	25 mm	1.6 - 3.2 mm	2000	2621590000
HS-FR 1.6-3.2/50 MM W	○	White	50 mm	1.6 - 3.2 mm	1000	2621760000
HS-FR 1.6-3.2/50 MM Y	●	Yellow	50 mm	1.6 - 3.2 mm	1000	2621770000
HS-FR 2.4-4.8/25 MM W	○	White	25 mm	2.4 - 4.8 mm	2000	2621600000
HS-FR 2.4-4.8/25 MM Y	●	Yellow	25 mm	2.4 - 4.8 mm	2000	2621610000
HS-FR 2.4-4.8/50 MM W	○	White	50 mm	2.4 - 4.8 mm	1000	2621780000
HS-FR 2.4-4.8/50 MM Y	●	Yellow	50 mm	2.4 - 4.8 mm	1000	2621790000
HS-FR 3.2-6.4/25 MM W	○	White	25 mm	3.2 - 6.4 mm	2000	2621620000
HS-FR 3.2-6.4/25 MM Y	●	Yellow	25 mm	3.2 - 6.4 mm	2000	2621630000
HS-FR 3.2-6.4/50 MM W	○	White	50 mm	3.2 - 6.4 mm	1000	2621800000
HS-FR 3.2-6.4/50 MM Y	●	Yellow	50 mm	3.2 - 6.4 mm	1000	2621810000
HS-FR 4.8-9.5/25 MM W	○	White	25 mm	4.8 - 9.5 mm	1000	2621640000
HS-FR 4.8-9.5/25 MM Y	●	Yellow	25 mm	4.8 - 9.5 mm	1000	2621650000
HS-FR 4.8-9.5/50 MM W	○	White	50 mm	4.8 - 9.5 mm	500	2621820000
HS-FR 4.8-9.5/50 MM Y	●	Yellow	50 mm	4.8 - 9.5 mm	500	2621830000
HS-FR 6.4-12.7/25 MM W	○	White	25 mm	6.4 - 12.7 mm	1000	2621660000
HS-FR 6.4-12.7/25 MM Y	●	Yellow	25 mm	6.4 - 12.7 mm	1000	2621670000
HS-FR 6.4-12.7/50 MM W	○	White	50 mm	6.4 - 12.7 mm	500	2621840000
HS-FR 6.4-12.7/50 MM Y	●	Yellow	50 mm	6.4 - 12.7 mm	500	2621850000
HS-FR 9.5-19.1/25 MM W	○	White	25 mm	9.5 - 19.1 mm	1000	2621680000
HS-FR 9.5-19.1/25 MM Y	●	Yellow	25 mm	9.5 - 19.1 mm	1000	2621690000
HS-FR 9.5-19.1/50 MM W	○	White	50 mm	9.5 - 19.1 mm	500	2621860000
HS-FR 9.5-19.1/50 MM Y	●	Yellow	50 mm	9.5 - 19.1 mm	500	2621870000
HS-FR 12.7-25.4/25 MM W	○	White	25 mm	12.7 - 25.4 mm	600	2621700000
HS-FR 12.7-25.4/25 MM Y	●	Yellow	25 mm	12.7 - 25.4 mm	600	2621710000
HS-FR 12.7-25.4/50 MM W	○	White	50 mm	12.7 - 25.4 mm	300	2621880000
HS-FR 12.7-25.4/50 MM Y	●	Yellow	50 mm	12.7 - 25.4 mm	300	2621890000
HS-FR 19.1-38.1/25 MM W	○	White	25 mm	19.1 - 38.1 mm	200	2621720000
HS-FR 19.1-38.1/25 MM Y	●	Yellow	25 mm	19.1 - 38.1 mm	200	2621730000
HS-FR 19.1-38.1/50 MM W	○	White	50 mm	19.1 - 38.1 mm	100	2621900000
HS-FR 19.1-38.1/50 MM Y	●	Yellow	50 mm	19.1 - 38.1 mm	100	2621910000

HSS... Endless 13 meters and 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

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

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

HSS-HF... Endless 10 meters and 13 meters halogen-free

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

Type		Color	Length	Wire O.D.	Qty.	Order No.
HSS-HF 9.5-19.1 EL W10M	○	White	10000 mm	9.5 - 19.1 mm	1	1423390000
HSS-HF 9.5-19.1 EL Y10M	●	Yellow	10000 mm	9.5 - 19.1 mm	1	1423280000
HSS-HF 12.7-25.4 EL W10M	○	White	10000 mm	12.7 - 25.4 mm	1	1423410000
HSS-HF 12.7-25.4 EL Y10M	●	Yellow	10000 mm	12.7 - 25.4 mm	1	1423290000

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

HSS-HF... Endless 30 meters halogen-free

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55 °C...105 °C	90 °C	1426210000 2005040000	RIBBON HSS HF EL 40/300 RIBBON MM 84/300 WS



Ordering data

Type		Color	Length	Wire O.D.	Qty.	Order No.
HSS-HF 1.2-2.4 EL B30M	●	Blue	30000 mm	1.2 - 2.4 mm	1	1562840000
HSS-HF 1.2-2.4 EL G30M	●	Green	30000 mm	1.2 - 2.4 mm	1	1562940000
HSS-HF 1.2-2.4 EL R30M	●	Red	30000 mm	1.2 - 2.4 mm	1	1562740000
HSS-HF 1.2-2.4 EL W30M	○	White	30000 mm	1.2 - 2.4 mm	1	1513240000
HSS-HF 1.2-2.4 EL Y30M	●	Yellow	30000 mm	1.2 - 2.4 mm	1	1513140000
HSS-HF 1.2-2.4 EL SW30M*	●	Black	30000 mm	1.2 - 2.4 mm	1	2518740000
HSS-HF 1.6-3.2 EL B30M	●	Blue	30000 mm	1.6 - 3.2 mm	1	1562850000
HSS-HF 1.6-3.2 EL G30M	●	Green	30000 mm	1.6 - 3.2 mm	1	1562950000
HSS-HF 1.6-3.2 EL R30M	●	Red	30000 mm	1.6 - 3.2 mm	1	1562750000
HSS-HF 1.6-3.2 EL W30M	○	White	30000 mm	1.6 - 3.2 mm	1	1513250000
HSS-HF 1.6-3.2 EL Y30M	●	Yellow	30000 mm	1.6 - 3.2 mm	1	1513150000
HSS-HF 1.6-3.2 EL SW30M*	●	Black	30000 mm	1.6 - 3.2 mm	1	2518920000
HSS-HF 2.4-4.8 EL B30M	●	Blue	30000 mm	2.4 - 4.8 mm	1	1562870000
HSS-HF 2.4-4.8 EL G30M	●	Green	30000 mm	2.4 - 4.8 mm	1	1562970000
HSS-HF 2.4-4.8 EL R30M	●	Red	30000 mm	2.4 - 4.8 mm	1	1562770000
HSS-HF 2.4-4.8 EL W30M	○	White	30000 mm	2.4 - 4.8 mm	1	1513270000
HSS-HF 2.4-4.8 EL Y30M	●	Yellow	30000 mm	2.4 - 4.8 mm	1	1513170000
HSS-HF 2.4-4.8 EL SW30M*	●	Black	30000 mm	2.4 - 4.8 mm	1	2518930000
HSS-HF 3.2-6.4 EL B30M	●	Blue	30000 mm	3.2 - 6.4 mm	1	1562880000
HSS-HF 3.2-6.4 EL G30M	●	Green	30000 mm	3.2 - 6.4 mm	1	1562980000
HSS-HF 3.2-6.4 EL R30M	●	Red	30000 mm	3.2 - 6.4 mm	1	1562780000
HSS-HF 3.2-6.4 EL W30M	○	White	30000 mm	3.2 - 6.4 mm	1	1513280000
HSS-HF 3.2-6.4 EL Y30M	●	Yellow	30000 mm	3.2 - 6.4 mm	1	1513180000
HSS-HF 3.2-6.4 EL SW30M*	●	Black	30000 mm	3.2 - 6.4 mm	1	2518940000
HSS-HF 4.8-9.5 EL B 30M	●	Blue	30000 mm	4.8 - 9.5 mm	1	1562890000
HSS-HF 4.8-9.5 EL G 30M	●	Green	30000 mm	4.8 - 9.5 mm	1	1562990000
HSS-HF 4.8-9.5 EL R 30M	●	Red	30000 mm	4.8 - 9.5 mm	1	1562790000
HSS-HF 4.8-9.5 EL W30M	○	White	30000 mm	4.8 - 9.5 mm	1	1513290000
HSS-HF 4.8-9.5 EL Y30M	●	Yellow	30000 mm	4.8 - 9.5 mm	1	1513190000
HSS-HF 4.8-9.5 EL SW30M*	●	Black	30000 mm	4.8 - 9.5 mm	1	2518950000
HSS-HF 6.4-12.7 EL B30M	●	Blue	30000 mm	6.4 - 12.7 mm	1	1562900000
HSS-HF 6.4-12.7 EL G30M	●	Green	30000 mm	6.4 - 12.7 mm	1	1563020000
HSS-HF 6.4-12.7 EL R30M	●	Red	30000 mm	6.4 - 12.7 mm	1	1562800000
HSS-HF 6.4-12.7 EL W30M	○	White	30000 mm	6.4 - 12.7 mm	1	1513300000
HSS-HF 6.4-12.7 EL Y30M	●	Yellow	30000 mm	6.4 - 12.7 mm	1	1513200000
HSS-HF 6.4-12.7 EL SW30M*	●	Black	30000 mm	6.4 - 12.7 mm	1	2518960000
HSS-HF 9.5-19.1 EL B30M	●	Blue	30000 mm	9.5 - 19.1 mm	1	1562920000
HSS-HF 9.5-19.1 EL G30M	●	Green	30000 mm	9.5 - 19.1 mm	1	1563030000
HSS-HF 9.5-19.1 EL R30M	●	Red	30000 mm	9.5 - 19.1 mm	1	1562820000
HSS-HF 9.5-19.1 EL W30M	○	White	30000 mm	9.5 - 19.1 mm	1	1513320000
HSS-HF 9.5-19.1 EL Y30M	●	Yellow	30000 mm	9.5 - 19.1 mm	1	1513220000
HSS-HF 9.5-19.1 EL SW30M*	●	Black	30000 mm	9.5 - 19.1 mm	1	2518970000
HSS-HF 12.7-25.4 EL B30M	●	Blue	30000 mm	12.7 - 25.4 mm	1	1562930000
HSS-HF 12.7-25.4 EL G30M	●	Green	30000 mm	12.7 - 25.4 mm	1	1563040000
HSS-HF 12.7-25.4 EL R30M	●	Red	30000 mm	12.7 - 25.4 mm	1	1562830000
HSS-HF 12.7-25.4EL W30M	○	White	30000 mm	12.7 - 25.4 mm	1	1513330000
HSS-HF 12.7-25.4EL Y30M	●	Yellow	30000 mm	12.7 - 25.4 mm	1	1513230000
HSS-HF 12.7-25.4EL SW30M*	●	Black	30000 mm	12.7 - 25.4 mm	1	2518980000

*Use white ribbon

HSS-HF... Endless 50 meters halogen-free

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	2005040000	RIBBON MM 84/300 WS

Ordering data

Type	Color	Length	Wire O.D.	Qty.	Order No.
HSS-HF 9.5-19.1 EL Y50M	Yellow	50000 mm	9.5 - 19.1 mm	1	1562720000
HSS-HF 12.7-25.4EL Y50M	Yellow	50000 mm	12.7 - 25.4 mm	1	1562730000

HSS-HF... Endless 75 meters halogen-free

Technical data

Material	Rate of shrinkage	Temperature range	recom. Shrinks.	Order No.	Type
Polyolefine	2:1	-55...105 °C	90 °C	2005040000	RIBBON MM 84/300 WS

Ordering data

Type	Color	Length	Wire O.D.	Qty.	Order No.
HSS-HF 1.2-2.4 EL Y75M	Yellow	75000 mm	1.2 - 2.4 mm	1	1562640000
HSS-HF 1.2-2.4 EL W75M	White	75000 mm	1.2 - 2.4 mm	1	2904850000
HSS-HF 1.6-3.2 EL Y75M	Yellow	75000 mm	1.6 - 3.2 mm	1	1562650000
HSS-HF 1.6-3.2 EL W75M	White	75000 mm	1.6 - 3.2 mm	1	2904840000
HSS-HF 2.4-4.8 EL Y75M	Yellow	75000 mm	2.4 - 4.8 mm	1	1562670000
HSS-HF 2.4-4.8 EL W75M	White	75000 mm	2.4 - 4.8 mm	1	2904830000
HSS-HF 3.2-6.4 EL Y75M	Yellow	75000 mm	3.2 - 6.4 mm	1	1562680000
HSS-HF 3.2-6.4 EL W75M	White	75000 mm	3.2 - 6.4 mm	1	2788640000
HSS-HF 4.8-9.5 EL Y75M	Yellow	75000 mm	4.8 - 9.5 mm	1	1562690000
HSS-HF 6.4-12.7 EL Y75M	Yellow	75000 mm	6.4 - 12.7 mm	1	1562700000



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.

Device markers

ESG, SM, CC, EL and THM

Device markers ESG

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005040000	RIBBON MM 84/300 WS



Ordering data

Type	Color	Height	Width	Qty.	Order No.
ESG 6/15 MM GE	Yellow	15 mm	6 mm	3000	2619950000
ESG 6/15 MM GR	Grey	15 mm	6 mm	3000	2619960000
ESG 6/15 MM WS	White	15 mm	6 mm	3000	2619940000
ESG 6/17 MM GE	Yellow	17 mm	6 mm	3000	2005110000
ESG 6/17 MM GE*	Yellow	17 mm	6 mm	1000	2496780000
ESG 6/17 MM GR	Grey	17 mm	6 mm	3000	2005120000
ESG 6/17 MM SW	Black	17 mm	6 mm	3000	2005130000
ESG 6/17 MM WS	White	17 mm	6 mm	3000	2005100000
ESG 6/17 MM WS*	White	17 mm	6 mm	1000	2496790000
ESG 8/20 MM GE	Yellow	20 mm	8 mm	3000	2005150000
ESG 8/20 MM GE*	Yellow	20 mm	8 mm	1000	2496800000
ESG 8/20 MM GR	Grey	20 mm	8 mm	3000	2005160000
ESG 8/20 MM SW	Black	20 mm	8 mm	3000	2005170000
ESG 8/20 MM WS	White	20 mm	8 mm	3000	2005140000
ESG 8/20 MM WS*	White	20 mm	8 mm	1000	2496810000
ESG 9/17 MM GE	Yellow	17 mm	9 mm	3000	2005210000
ESG 9/17 MM GE*	Yellow	17 mm	9 mm	1000	2496820000
ESG 9/17 MM GR	Grey	17 mm	9 mm	3000	2005230000
ESG 9/17 MM SW	Black	17 mm	9 mm	3000	2005250000
ESG 9/17 MM WS	White	17 mm	9 mm	3000	2005190000
ESG 9/17 MM WS*	White	17 mm	9 mm	1000	2496830000

*small packaging unit

Raised device markers – ESG-F0

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW



Ordering data

Type	Color	Height	Width	Qty.	Order No.
ESG-F0 6/15 MM GE	Yellow	6 mm	15 mm	1000	2620990000
ESG-F0 6/15 MM SI	Silver	6 mm	15 mm	1000	2621060000
ESG-F0 6/15 MM WS	White	6 mm	15 mm	1000	2620980000
ESG-F0 6/17 MM GE	Yellow	6 mm	17 mm	1000	2620000000
ESG-F0 6/17 MM SI	Silver	6 mm	17 mm	1000	2620910000
ESG-F0 6/17 MM WS	White	6 mm	17 mm	1000	2619990000
ESG-F0 8/20 MM GE	Yellow	8 mm	20 mm	1000	2620960000
ESG-F0 8/20 MM SI	Silver	8 mm	20 mm	1000	2620970000
ESG-F0 8/20 MM WS	White	8 mm	20 mm	1000	2620950000
ESG-F0 9/17 MM GE	Yellow	9 mm	17 mm	1000	2620920000
ESG-F0 9/17 MM SI	Silver	9 mm	17 mm	1000	2620940000
ESG-F0 9/17 MM WS	White	9 mm	17 mm	1000	2620930000

Device markers SM

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005040000	RIBBON MM 84/300 WS



Ordering data

Type		Color	Height	Width	Qty.	Order No.
SM 18/9.5 MM GE	●	Yellow	9 mm	18 mm	1000	2006240000
SM 18/9.5 MM GR	●	Grey	9 mm	18 mm	1000	2006260000
SM 18/9.5 MM SW	●	Black	9 mm	18 mm	1000	2006200000
SM 18/9.5 MM WS	○	White	9 mm	18 mm	1000	2006220000
SM 18/9.5 MM GR*	●	Green	9 mm	18 mm	100	2496840000
SM 18/9.5 MM WS*	○	White	9 mm	18 mm	100	2496850000
SM 27/8 MM GE	●	Yellow	8 mm	27 mm	1000	2006420000
SM 27/8 MM GN	●	Green	8 mm	27 mm	1000	2006490000
SM 27/8 MM GR	●	Grey	8 mm	27 mm	1000	2006480000
SM 27/8 MM RT	●	Red	8 mm	27 mm	1000	2006460000
SM 27/8 MM SW	●	Black	8 mm	27 mm	1000	2006440000
SM 27/8 MM WS	○	White	8 mm	27 mm	1000	2006400000
SM 27/8 MM GE*	●	Yellow	8 mm	27 mm	100	2496970000
SM 27/8 MM GN*	●	Green	8 mm	27 mm	100	2496980000
SM 27/8 MM GR*	●	Grey	8 mm	27 mm	100	2496990000
SM 27/8 MM WS*	○	White	8 mm	27 mm	100	2497000000
SM 27/12.5 MM GE	●	Yellow	12.5 mm	27 mm	1000	2006510000
SM 27/12.5 MM GN	●	Green	12.5 mm	27 mm	1000	2006550000
SM 27/12.5 MM GR	●	Grey	12.5 mm	27 mm	1000	2006520000
SM 27/12.5 MM RT	●	Red	12.5 mm	27 mm	1000	2006540000
SM 27/12.5 MM SW	●	Black	12.5 mm	27 mm	1000	2006530000
SM 27/12.5 MM WS	○	White	12.5 mm	27 mm	1000	2006500000
SM 27/12.5 MM GR*	●	Green	12.5 mm	27 mm	100	2496860000
SM 27/12.5 MM WS*	○	White	12.5 mm	27 mm	100	2496870000
SM 27/18 MM GE	●	Yellow	18 mm	27 mm	1000	2006300000
SM 27/18 MM GN	●	Green	18 mm	27 mm	1000	2006380000
SM 27/18 MM GR	●	Grey	18 mm	27 mm	1000	2006340000
SM 27/18 MM RT	●	Red	18 mm	27 mm	1000	2006360000
SM 27/18 MM SW	●	Black	18 mm	27 mm	1000	2006320000
SM 27/18 MM WS	○	White	18 mm	27 mm	1000	2006280000
SM 27/18 MM GE*	●	Yellow	18 mm	27 mm	100	2496880000
SM 27/18 MM GN*	●	Green	18 mm	27 mm	100	2496890000
SM 27/18 MM GR*	●	Grey	18 mm	27 mm	100	2496900000
SM 27/18 MM RT*	●	Red	18 mm	27 mm	100	2496910000
SM 27/18 MM WS*	○	White	18 mm	27 mm	100	2496920000

*small packaging unit

Ordering data

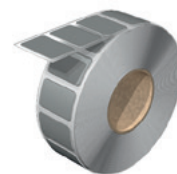
Type		Color	Height	Width	Qty.	Order No.
SM 27/18-22 MM GE	●	Yellow	53.75 mm	27 mm	1000	2005810000
SM 27/18-22 MM GN	●	Green	53.75 mm	27 mm	1000	2005920000
SM 27/18-22 MM GR	●	Grey	53.75 mm	27 mm	1000	2005860000
SM 27/18-22 MM RT	●	Red	53.75 mm	27 mm	1000	2005900000
SM 27/18-22 MM SW	●	Black	53.75 mm	27 mm	1000	2005880000
SM 27/18-22 MM WS*	○	White	53.75 mm	27 mm	100	2005840000
SM 27/18-22 MM GE*	●	Yellow	53.75 mm	27 mm	100	2496930000
SM 27/18-22 MM GR*	●	Grey	53.75 mm	27 mm	100	2496940000
SM 27/18-22 MM SW*	●	Black	53.75 mm	27 mm	100	2496950000
SM 27/18-22 MM WS*	○	White	53.75 mm	27 mm	100	2496960000
SM 36/18-30 MM GE	●	Yellow	62 mm	36 mm	1000	2006080000
SM 36/18-30 MM GN	●	Green	62 mm	36 mm	1000	2006180000
SM 36/18-30 MM GR	●	Grey	62 mm	36 mm	1000	2006120000
SM 36/18-30 MM RT	●	Red	62 mm	36 mm	1000	2006160000
SM 36/18-30 MM SW	●	Black	62 mm	36 mm	1000	2006140000
SM 36/18-30 MM WS	○	White	62 mm	36 mm	1000	2006100000
SM 36/18-30 MM GR*	●	Green	62 mm	36 mm	100	2497010000
SM 36/18-30 MM WS*	○	White	62 mm	36 mm	100	2497020000

*small packaging unit

Raised device markers – SM-FO

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW

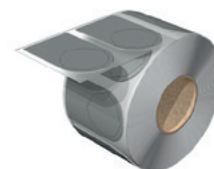


Ordering data

Type		Color	Height	Width	Qty.	Order No.
SM-FO 18/9.5 MM SI	●	Silver	9 mm	18 mm	500	2621170000
SM-FO 18/9.5 MM WS	○	White	9 mm	18 mm	500	2621160000
SM-FO 22/22 MM GE	●	Yellow	22 mm	22 mm	500	2712080000
SM-FO 22/22 MM SI	●	Silver	22 mm	22 mm	500	2712070000
SM-FO 22/22 MM WS	○	White	22 mm	22 mm	500	2712060000
SM-FO 27/12.5 MM GE	●	Yellow	12.5 mm	27 mm	500	2621230000
SM-FO 27/12.5 MM SI	●	Silver	12.5 mm	27 mm	500	2621240000
SM-FO 27/12.5 MM WS	○	White	12.5 mm	27 mm	500	2621220000
SM-FO 27/18 MM GE	●	Yellow	18 mm	27 mm	500	2621110000
SM-FO 27/18 MM SI	●	Silver	18 mm	27 mm	500	2621120000
SM-FO 27/18 MM WS	○	White	18 mm	27 mm	500	2621100000
SM-FO 27/8 MM GE	●	Yellow	8 mm	27 mm	500	2621080000
SM-FO 27/8 MM SI	●	Silver	8 mm	27 mm	500	2621090000
SM-FO 27/8 MM WS	○	White	8 mm	27 mm	500	2621070000

Ordering data

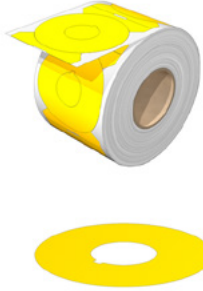
Type		Color	Height	Width	Qty.	Order No.
SM-FO 27/18-22 MM GE	●	Yellow	47.75 mm	27 mm	500	2621140000
SM-FO 27/18-22 MM SI	●	Silver	47.75 mm	27 mm	500	2621130000
SM-FO 27/18-22 MM WS	○	White	47.75 mm	27 mm	500	2621150000
SM-FO 36/18-30 MM GE	●	Yellow	56 mm	36 mm	100	2621200000
SM-FO 36/18-30 MM SI	●	Silver	56 mm	36 mm	100	2621210000
SM-FO 36/18-30 MM WS	○	White	56 mm	36 mm	100	2621190000



Device markers SM DIA

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW



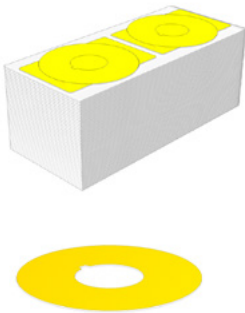
Ordering data

Type	Color	Diameter	Qty.	Order No.
SM DIA 60-22 MM GE	Yellow	60 mm	450	2006060000
SM DIA 60-22 MM GE	Yellow	60 mm	100	2497030000

Raised device markers – SM-FO DIA

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW



Ordering data

Type	Color	Diameter	Qty.	Order No.
SM-FO DIA 60-22 MM GE	Yellow	60 mm	100	2621180000

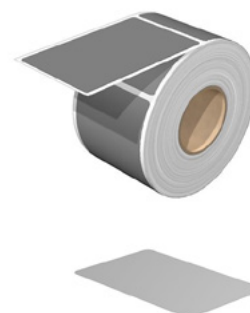


Device markers CC-FO: urable laminated polyester in combination with thick backside foam adhesive effects a high quality raised view and extremely tear-resistant.

Device markers CC

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005080000	RIBBON MM 76/360 SW
				2005040000	RIBBON MM 84/300 WS



Ordering data

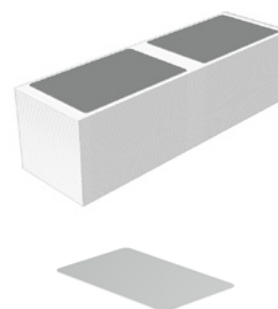
Type	Color	Height	Width	Qty.	Order No.
CC 15/27 MM GE	Yellow	27 mm	15 mm	450	2005630000
CC 15/27 MM GR	Grey	27 mm	15 mm	450	2005660000
CC 15/27 MM SW	Black	27 mm	15 mm	450	2005690000
CC 15/27 MM WS	White	27 mm	15 mm	450	2005600000
CC 15/45 MM GE	Yellow	45 mm	15 mm	450	2005520000
CC 15/45 MM GR	Grey	45 mm	15 mm	450	2005540000
CC 15/45 MM SW	Black	45 mm	15 mm	450	2005570000
CC 15/45 MM WS	White	45 mm	15 mm	450	2005500000
CC 15/60 MM GE	Yellow	60 mm	15 mm	450	2005430000
CC 15/60 MM GR	Grey	60 mm	15 mm	450	2005460000
CC 15/60 MM SW	Black	60 mm	15 mm	450	2005480000
CC 15/60 MM WS	White	60 mm	15 mm	450	2005410000
CC 30/60 MM GE	Yellow	60 mm	30 mm	450	2005350000
CC 30/60 MM GR	Grey	60 mm	30 mm	450	2005370000
CC 30/60 MM SW	Black	60 mm	30 mm	450	2005390000
CC 30/60 MM WS	White	60 mm	30 mm	450	2005330000
CC 85/54 MM GE	Yellow	54 mm	85 mm	450	2005280000
CC 85/54 MM GR	Grey	54 mm	85 mm	450	2005290000
CC 85/54 MM SW	Black	54 mm	85 mm	450	2005310000
CC 85/54 MM WS	White	54 mm	85 mm	450	2005270000
CC 85/54 MM GR*	Grey	54 mm	85 mm	100	2496760000
CC 85/54 MM WS*	White	54 mm	85 mm	100	2496770000
CC 74/101 MM GE	Yellow	100 mm	74 mm	250	2885770000
CC 74/101 MM GR	Grey	100 mm	74 mm	250	2885760000
CC 74/101 MM WS	White	100 mm	74 mm	250	2885750000

*small packaging unit

Raised device markers – CC-FO

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-30...80 °C	V-0	PE-foam with acrylic adhesive	2005080000	RIBBON MM 76/360 SW



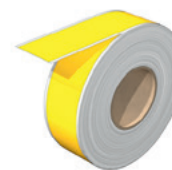
Ordering data

Type	Color	Height	Width	Qty.	Order No.
CC-FO 15/27 MM GE	Yellow	15 mm	27 mm	500	2621380000
CC-FO 15/27 MM SI	Grey	15 mm	27 mm	500	2621390000
CC-FO 15/27 MM WS	White	15 mm	27 mm	500	2621370000
CC-FO 15/45 MM GE	Yellow	15 mm	45 mm	500	2621350000
CC-FO 15/45 MM SI	Silver	15 mm	45 mm	500	2621360000
CC-FO 15/45 MM WS	White	15 mm	45 mm	500	2621340000
CC-FO 15/60 MM GE	Yellow	15 mm	60 mm	500	2621320000
CC-FO 15/60 MM SI	Silver	15 mm	60 mm	500	2621330000
CC-FO 15/60 MM WS	White	15 mm	60 mm	500	2621310000
CC-FO 30/60 MM GE	Yellow	30 mm	60 mm	100	2621290000
CC-FO 30/60 MM SI	Silver	30 mm	60 mm	100	2621300000
CC-FO 30/60 MM WS	White	30 mm	60 mm	100	2621280000
CC-FO 85/54 MM GE	Yellow	54 mm	85 mm	100	2621260000
CC-FO 85/54 MM SI	Silver	54 mm	85 mm	100	2621270000
CC-FO 85/54 MM WS	White	54 mm	85 mm	100	2621250000
CC-FO 74/101 MM GE	Yellow	101 mm	74 mm	100	2885740000
CC-FO 74/101 MM SI	Grey	101 mm	74 mm	100	2885730000
CC-FO 74/101 MM WS	White	101 mm	74 mm	100	2885720000

Continuous device marker strips

Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
Polyester	-40...120 °C	V-0	Acrylate adhesive	2005040000	RIBBON MM 84/300 WS
				2005080000	RIBBON MM 76/360 SW
				2005070000	RIBBON MM 110/360 SW



Ordering data

Type	Color	Width	Length	Qty.	Order No.
EL 6 MM GE 30M	Yellow	6 mm	30000 mm	1	2621410000
EL 6 MM WS 30M	White	6 mm	30000 mm	1	2621400000
EL 9 MM GE 30M	Yellow	9 mm	30000 mm	1	2621430000
EL 9 MM WS 30M	White	9 mm	30000 mm	1	2621420000
EL 12 MM BL 30M	Blue	12 mm	30000 mm	1	2518680000
EL 12 MM RT 30M	Red	12 mm	30000 mm	1	2528220000
EL 12 MM GN 30M	Green	12 mm	30000 mm	1	2528320000
EL 12 MM GE 30M	Yellow	12 mm	30000 mm	1	2006580000
EL 12 MM WS 30M	White	12 mm	30000 mm	1	2006570000
EL 12 MM SW 30M	Black	12 mm	30000 mm	1	2528380000
EL 12 MM SI 30M	Silver	12 mm	30000 mm	1	2006560000
EL 15 MM BL 30M	Blue	15 mm	30000 mm	1	2518990000
EL 15 MM RT 30M	Red	15 mm	30000 mm	1	2528270000
EL 15 MM GN 30M	Green	15 mm	30000 mm	1	2528330000
EL 15 MM GE 30M	Yellow	15 mm	30000 mm	1	2006600000
EL 15 MM WS 30M	White	15 mm	30000 mm	1	2006590000
EL 15 MM SW 30M	Black	15 mm	30000 mm	1	2528390000
EL 15 MM SI 30M	Silver	15 mm	30000 mm	1	2006610000
EL 27 MM BL 30M	Blue	27 mm	30000 mm	1	2519000000
EL 27 MM RT 30M	Red	27 mm	30000 mm	1	2528280000
EL 27 MM GN 30M	Green	27 mm	30000 mm	1	2528340000
EL 27 MM GE 30M	Yellow	27 mm	30000 mm	1	2006640000
EL 27 MM WS 30M	White	27 mm	30000 mm	1	2006630000
EL 27 MM SW 30M	Black	27 mm	30000 mm	1	2528400000
EL 27 MM SI 30M	Silver	27 mm	30000 mm	1	2006620000
EL 38 MM BL 30M	Blue	38 mm	30000 mm	1	2519010000
EL 38 MM RT 30M	Red	38 mm	30000 mm	1	2528290000
EL 38 MM GN 30M	Green	38 mm	30000 mm	1	2528350000
EL 38 MM GE 30M	Yellow	38 mm	30000 mm	1	2006670000
EL 38 MM WS 30M	White	38 mm	30000 mm	1	2006660000
EL 38 MM SW 30M	Black	38 mm	30000 mm	1	2528410000
EL 38 MM SI 30M	Silver	38 mm	30000 mm	1	2006650000
EL 60 MM BL 30M	Blue	60 mm	30000 mm	1	2519020000
EL 60 MM RT 30M	Red	60 mm	30000 mm	1	2528300000
EL 60 MM GN 30M	Green	60 mm	30000 mm	1	2528360000
EL 60 MM GE 30M	Yellow	60 mm	30000 mm	1	2006700000
EL 60 MM WS 30M	White	60 mm	30000 mm	1	2006690000
EL 60 MM SW 30M	Black	60 mm	30000 mm	1	2528420000
EL 60 MM SI 30M	Silver	60 mm	30000 mm	1	2006680000
EL 100 MM BL 30M	Blue	100 mm	30000 mm	1	2519030000
EL 100 MM RT 30M	Red	100 mm	30000 mm	1	2528310000
EL 100 MM GN 30M	Green	100 mm	30000 mm	1	2528370000
EL 100 MM GE 30M	Yellow	100 mm	30000 mm	1	2006730000
EL 100 MM WS 30M	White	100 mm	30000 mm	1	2006720000
EL 100 MM SW 30M	Black	100 mm	30000 mm	1	2528430000
EL 100 MM SI 30M	Silver	100 mm	30000 mm	1	2006710000

Device markers EL-CC Rail

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polypropylen	-50...100°C	HB	2005080000	RIBBON MM 76/360 SW
			2005070000	RIBBON MM 110/360 SW



Ordering data

Type	Color	Width	Length	Qty.	Order No.
EL CC-RAIL MM GE 30M	● Yellow	15 mm	30000 mm	1	2619980000
EL CC-RAIL MM WS 30M	○ White	15 mm	30000 mm	1	2619970000

THM EL – Endless polyester

Technical data

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



Ordering data

Type	Color	Width	Length	Qty.	Order No.
THM EL 24 SI 3L 30M	● Silver	24 mm	30000 mm	1	1356520000
THM EL 30 GE 30M	● Yellow	30 mm	30000 mm	1	1517190000
THM EL 30 SI 30M	● Silver	30 mm	30000 mm	1	1517200000
THM EL 30 WS 30M	○ White	30 mm	30000 mm	1	1517180000
THM EL 36 TR 30M	Transparent	36 mm	30000 mm	1	2799290000
THM EL 50 GE 30M	● Yellow	30 mm	30000 mm	1	1517230000
THM EL 50 SI 30M	● Silver	50 mm	30000 mm	1	1517240000
THM EL 50 WS 30M	○ White	50 mm	30000 mm	1	1517220000
THM EL 60 SI 50M	● Silver	60 mm	50000 mm	1	1391400000
THM EL 100 GE 30M	● Yellow	100 mm	30000 mm	1	1419980000
THM EL 100 SI 30M	● Silver	100 mm	30000 mm	1	1517270000
THM EL 100 WS 30M	○ White	100 mm	30000 mm	1	1420010000

THM EL VIN – Endless vinyl

Technical data

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

Ordering data

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



THM MT

Technical data

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

Ordering data

Type		Color	Height	Width	Qty.	Order No.
THM MT30x 101/150 SI/G	●	Silver	101 mm	150 mm	250	1778170000
THM MT30X 101/48 GE	●	Yellow	101 mm	48 mm	500	1751821687
THM MT30X 101/48 SI	●	Silver	101 mm	48 mm	500	1751820001
THM MT30X 101/48 WS	○	White	101 mm	48 mm	500	1751821044
THM MT30X 101/74 WS	○	White	101 mm	74 mm	500	2455620000
THM MT30X 101/74 GE	●	Yellow	101 mm	74 mm	500	1061810000
THM MT30X 101/74 SI	●	Silver	101 mm	74 mm	500	1762960001
THM MT30X 12/6 GE	●	Yellow	12 mm	6 mm	10000	1391390000
THM MT30X 15/4 GE	●	Yellow	15 mm	4 mm	10000	1072690000
THM MT30X 15/4 WS	○	White	15 mm	4 mm	10000	2799200000
THM MT30X 15/6 GE	●	Yellow	15 mm	6 mm	10000	1753231687
THM MT30X 15/6 SI	●	Silver	15 mm	6 mm	10000	1753230001
THM MT30X 15/6 WS	○	White	15 mm	6 mm	10000	1753231044
THM MT30X 15/9 GE	●	Yellow	15 mm	9 mm	10000	1058740000
THM MT30X 15/9 WS	○	White	15 mm	9 mm	10000	1058750000
THM MT30X 16/7 GE	●	Yellow	16 mm	7 mm	12500	1852520000
THM MT30X 16.5/5.1 WS	○	White	16.5 mm	5.1 mm	10000	2799300000
THM MT30X 17/8 GE	●	Yellow	17 mm	8 mm	10000	1027620000
THM MT30X 17/8 WS	○	White	17 mm	8 mm	10000	2712050000
THM MT30X 17/9 GE	●	Yellow	17 mm	9 mm	10000	1856650000
THM MT30X 17/9 SI	●	Silver	17 mm	9 mm	10000	1356500000
THM MT30X 17/9 WS	○	White	17 mm	9 mm	10000	1968130000
THM MT30X 18/6 GE	●	Yellow	18 mm	6 mm	10000	1753271687
THM MT30X 18/6 SI	●	Silver	18 mm	6 mm	10000	1753270001
THM MT30X 18/6 WS	○	White	18 mm	6 mm	10000	1753271044
THM MT30X 18/6.5 SI	●	Silver	18 mm	6.5 mm	10000	2713810000
THM MT30X 18/9 GE	●	Yellow	18 mm	9 mm	10000	1753251687
THM MT30X 18/9 SI	●	Silver	18 mm	9 mm	10000	1753250001
THM MT30X 18/9 WS	○	White	18 mm	9 mm	10000	1753251044
THM MT30X 20/8 GE	●	Yellow	20 mm	8 mm	10000	1753241687
THM MT30X 20/8 WS	○	White	20 mm	8 mm	10000	1753241044
THM MT30X 25/12 GE	●	Yellow	25 mm	12 mm	10000	1751751687
THM MT30X 25/12 SI	●	Silver	25 mm	12 mm	10000	1751750001
THM MT30X 25/12 WS	○	White	25 mm	12 mm	10000	1751751044
THM MT30X 25.4/12.7 TR		Transparent	25.4 mm	12.7 mm	10000	2798960000
THM MT30X 26/10 WS	○	White	26 mm	10 mm	10000	1751761044
THM MT30X 30/20 GE	●	Yellow	30 mm	20 mm	6000	1753261687
THM MT30X DIA 30 GE	●	Yellow	30 mm		1000	2712040000
THM MT30X 45/23 GE	●	Yellow	45 mm	23 mm	2000	1751811687
THM MT30X 45/23 SI	●	Silver	45 mm	23 mm	2000	1751810001
THM MT30X 45/23 WS	○	White	45 mm	23 mm	2000	1751811044
THM MT30X 50/18 WS	○	White	50 mm	18 mm	2000	2621550000
THM MT30X 57/27 SI	●	Silver	57 mm	27 mm	2000	1852540000
THM MT30X 65/35 GE	●	Yellow	65 mm	35 mm	1000	1751831687
THM MT30X 65/35 SI	●	Silver	65 mm	35 mm	1000	1751830001
THM MT30X 65/35 WS	○	White	65 mm	35 mm	1000	1751831044
THM MT30X 89/60 SI	●	Silver	89 mm	60 mm	1000	1003410000



THM GEW

Technical data

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



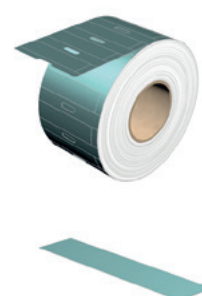
Ordering data

Type	Color	Height	Width	Qty.	Order No.
THM GEW 15/6 GE	● Yellow	15 mm	6 mm	10000	1059790000
THM GEW 15/6 WS	○ White	15 mm	6 mm	10000	1059780000
THM GEW 15/9 GE	● Yellow	15 mm	9 mm	10000	1365630000
THM GEW 17/9 GE	● Yellow	17 mm	9 mm	10000	1059810000
THM GEW 17/9 WS	○ White	17 mm	9 mm	10000	1059800000
THM GEW 18/6 GE	● Yellow	18 mm	6 mm	10000	1059830000
THM GEW 18/6 WS	○ White	18 mm	6 mm	10000	1059820000
THM GEW 18/9 GE	● Yellow	18 mm	9 mm	10000	1059850000
THM GEW 18/9 WS	○ White	18 mm	9 mm	10000	1059840000
THM GEW 20/10 GE	● Yellow	20 mm	12 mm	5000	2712030000
THM GEW 20/10 WS	○ White	20 mm	10 mm	5000	2712020000
THM GEW 20/12 GE	● Yellow	20 mm	12 mm	2000	1391380000
THM GEW 20/8 GE	● Yellow	20 mm	8 mm	10000	1059880000
THM GEW 20/8 WS	○ White	20 mm	8 mm	10000	1059870000
THM GEW 30/8 GE	● Yellow	30 mm	8 mm	10000	1114450000
THM GEW 38/19 GE	● Yellow	38 mm	19 mm	2000	1335100000
THM GEW 45/23 GE	● Yellow	45 mm	23 mm	2000	1368740000

THM ET for Siemens – non-adhesive labels

Technical data

Material	Temperature range	UL 94 flammability rating	Order No.	Type
Polypropylen	-50...100 °C	HB	2005070000	RIBBON MM 110/360 SW



Ordering data

Type	Color	Height	Width	Qty.	Order No.
THM ET 200SP 12.8/31 GE	● Yellow	31 mm	12.8 mm	2000	1487690000
THM ET 200SP 12.8/31 TU	● Turquoise	31 mm	12.8 mm	2000	1487680000
THM ET 200SP-HA 18.8/50 TU	● Turquoise	50 mm	18.8 mm	1500	2799210000
THM ET 200SP-HA 18.8/50 GR	● Grey	50 mm	18.8 mm	1500	2799220000
THM ET S7 1500 GE	● Yellow	108.8 mm	22.9 mm	500	1991670000
THM ET S7 1500 TU	● Turquoise	108.8 mm	22.9 mm	500	1991680000
THM ET S7 1500-13 GE	● Yellow	108.8 mm	13 mm	500	2093070000
THM ET S7 1500-13 TU	● Turquoise	108.8 mm	13 mm	500	2093010000
THM ET S7 300-1 GE	● Yellow	103 mm	22.6 mm	500	1161770000
THM ET S7 300-1 TU	● Turquoise	103 mm	22.6 mm	500	1161750000
THM ET S7 300-2 GE	● Yellow	103.8 mm	17.3 mm	1000	1161740000
THM ET S7 300-2 TU	● Turquoise	103.8 mm	17.3 mm	1000	1161730000
THM ET S7 400 TU	● Turquoise	251 mm	13.5 mm	500	1161710000
THM ET S7 50/12.5 GE	● Yellow	50 mm	12.5 mm	2000	1161810000
THM ET S7 50/12.5 TU	● Turquoise	50 mm	12.5 mm	2000	1161790000
THM ET S7 50/25 GE	● Yellow	50 mm	25 mm	1250	1095590000
THM ET S7 50/25 TU	● Turquoise	50 mm	25 mm	1250	1161780000

Safety labels

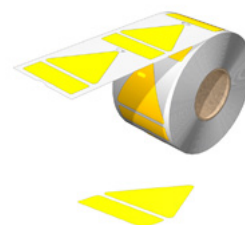
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Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
PVC	-50 °C...110 °C	V-0	Acrylate adhesive	2005070000	RIBBON MM 110/360 SW
				2005040000	RIBBON MM 84/300 WS
				2918800000	RIBBON MM 110/300 WS

Ordering data Warning labels

Type	Color	Symbol label (W x H)	Text label (W x H)	Qty.	Order No.
THM SE-W 25 GE	● Yellow	25 x 21.6 mm	25 x 15 mm	250	2885630000
THM SE-W 50 GE	● Yellow	50 x 43.3 mm	50 x 15 mm	250	2885640000
THM SE-W 100 GE	● Yellow	100 x 86.6 mm	100 x 15 mm	250	2885650000



Ordering data Bid labels

Type	Color	Symbol label (ø)	Text label (W x H)	Qty.	Order No.
THM SE-M 25 BL	● Blue	25 mm	25 x 15 mm	250	2885660000
THM SE-M 50 BL	● Blue	50 mm	50 x 15 mm	250	2885670000
THM SE-M 100 BL	● Blue	100 mm	100 x 15 mm	250	2885680000



Ordering data Prohibition labels

Type	Color	Symbol label (ø)	Text label (W x H)	Qty.	Order No.
THM SE-P 25 RT/WS	○ Red/White	25 mm	25 x 15 mm	250	2885690000
THM SE-P 50 RT/WS	○ Red/White	50 mm	50 x 15 mm	250	2885700000
THM SE-P 100 RT/WS	○ Red/White	100 mm	100 x 15 mm	250	2885710000



PV labels

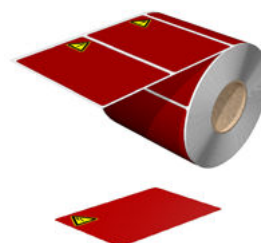


Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive	Order No.	Type
PVC	-50 °C...110 °C	V-0	Acrylate adhesive	2005070000	RIBBON MM 110/360 SW
				2005040000	RIBBON MM 84/300 WS

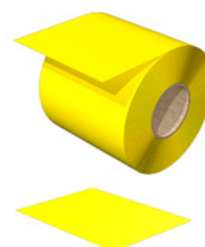
Ordering data Warning label PV

Type		Color	Height	Width	Qty.	Order No.
THM PV 89/60 B/DR RT		Red	60 mm	89 mm	450	2817450000



Ordering data Endless material

Type		Color	Width	Length	Qty.	Order No.
THM PV EL 90 GE 30M		Yellow	90 mm	30000 mm	1	2817440000
THM PV EL 90 RT 30M		Red	90 mm	30000 mm	1	2817430000



Pocket packs



Technical data

Material	Temperature range	UL 94 flammability rating	Adhesive
PVC	-50 °C...110 °C	V-0	Acrylate adhesive

Ordering data

Type	Height	Width	Qty.	Order No.
TABPACK PV 90/100 WBC	100 mm	90 mm	20	2817470000
TABPACK PV 90/100 WFF	100 mm	90 mm	20	2817460000



Printers and accessories

MultiMark

Type	Explanation	Order No.
THM MULTIMARK	Included: power cable Type E+F, UK power cord, US power cor, 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	2599430000
THM MULTIMARK PLUS	Included: power cable Type E+F, UK power cord, US power cor, 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, WLAN-Stick	2599440000



Platen roller

Type	Color	Width	Application / Manufacturer	Order No.
THM MMP ROLLER TB	● Silvergrey	139 mm	Weidmüller DEK, WS	2438500000
THM MMP ROLLER MF	● Silvergrey	139 mm	MultiFit Phoenix	2518600000
THM MMP ROLLER MF-W	● Silvergrey	139 mm	MultiFit Wago	2519150000
THM PLUS S ROLLER 115	● Green	139 mm	Labels and heat shrinks	1357420000
THM MMP ROLLER SFM 1	● Silvergrey	139 mm	Weidmüller SFM 1	2799000000
THM MMP ROLLER SFM 2	● Silvergrey	139 mm	Weidmüller SFM 2	2786210000
THM MMP ROLLER SFM 3	● Silvergrey	139 mm	Weidmüller SFM 3	2719270000
MultiMark PLUS ROLLER TB	● Silvergrey	139 mm	Weidmüller DEK, WS	2661600000
MultiMark PLUS ROLLER MF	● Silvergrey	139 mm	MultiFit Phoenix	2661610000
MultiMark PLUS ROLLER MF-W	● Silvergrey	139 mm	MultiFit Wago	2661620000
MM PLUS ROLLER 110	● Green	139 mm	Labels and heat shrinks	2672590000



Selection table platen rollers

Printer	Printer roller	Label & heat shrinks	DEK / WS	MF	MF-W	SFM 1	SFM 2	SFM 3	SFM 4
	THM MMP ROLLER TB		x						
	THM MMP ROLLER MF			x					
	THM MMP ROLLER MF-W				x				
	THM PLUS S ROLLER 115	x							
	THM MMP ROLLER SFM 1					x			
	THM MMP ROLLER SFM 2						x		
	THM MMP ROLLER SFM 3							x	
	THM MMP ROLLER SFM 4								x
	MultiMark PLUS ROLLER TB		x						
	MultiMark PLUS ROLLER MF			x					
	MultiMark PLUS ROLLER MF-W				x				
	MM PLUS ROLLER 110	x							

Ink ribbons

Type	Color	Width	Height	Order No.
RIBBON MM-TB 25/360 SW	● Black	25 mm	360 m	2005090000
RIBBON MM 110/360 SW	● Black	110 mm	360 m	2005070000
RIBBON MM 76/360 SW	● Black	80 mm	360 m	2005080000
RIBBON MM 84/300 WS	○ White	80 mm	300 m	2005040000
RIBBON HSS HF EL 40/300	● Black	40 mm	300 m	1426210000
RIBBON MM-HS 60/300 SW	● Black	60 mm	300 m	2448880000
RIBBON MM 110/300 WS	○ White	110 mm	300 m	2918800000



Printers and accessories

Cutter and perforation cutter

Type	Explanation	Order No.
THM MMP CUTTER	Optional cutting knife for use with continuous labels for the THM MULTIMARK printer (2599430000)	1331600000
THM MMP PERFORATOR	Optional perforation cutter for the use of endless shrink sleeves, for the THM MULTIMARK printer (2599430000)	1416330000
THM PLUS M PERFORATOR	Optional perforation cutter for the use of endless shrink sleeves, for the THM MULTIMARK PLUS printer (2599440000)	1540770000



External roll holder THM MultiMark

Type	Explanation	Order No.
THM MultiMark EXT.RH	Required for reel heights of 30 metres	1302920000

Trolley case for THM MultiMark

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

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Ordering data

Type	Order No.
M-Print® PRO Software	1905490000

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