

Wire and cable marking – MARKING system

Clear and permanent marking of all conductors and cables considerably improves transparency in control cabinets and switchgear. It makes assembly and maintenance work easier and assists in rectifying faults.

Phoenix Contact conductor and cable markers provide the ideal marking option for any application. Just select an assembly method. The markers can be threaded on, clipped on, adhered in place or secured with cable ties.

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The right marking solution for every diameter

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Far from being a luxury, standard-compliant and permanent wire and cable markings are actually a mark of quality demanded by customers in respect of modern high-quality capital goods.

Phoenix Contact provides the ideal marking option for wire and cable marking, for all users and all applications. With this in mind, a comprehensive product range is available, consisting of various label and sign formats, made from different basic materials, such as plastics, aluminum, and stainless steel.

Depending on the design, the marking materials are threaded on, clipped on, adhered in place or secured with cable ties. The printing systems and marking materials that are coordinated with each other ensure high quality and resistance to external influences.

Depending on the application and material for individual marking, the following marking systems can be used.

- TOPMARK NEO, laser marker for marking UniCard formats as well as stainless steel and aluminum labels.
- BLUEMARK ID and BLUEMARK ID COLOR, high-speed printer with UV LED technology for marking UniSheet and UniCard formats as well as aluminum markers
- THERMOMARK CARD 2.0 and THERMOMARK PRIME, thermal transfer card printer for marking UniSheet and UniCard formats
- THERMOMARK ROLL 2.0, thermal transfer roll printer for marking material off the roll and continuous media
- THERMOMARK ROLLMaster 300 and ROLLMaster 600, industrial thermal transfer roll printer for large printing volumes of rolls and continuous media
- THERMOMARK W2, thermal transfer printer for double-sided marking and perforation of continuous shrink sleeves
- THERMOFOX, thermal transfer printer in handheld format, for marking labels and shrink sleeves in cassette format
- PLOTMARK, marking plotter for marking UniCard formats as well as materials in strip and sheet format
- Standard desktop laser printer, for marking material in sheet format

The PROJECT complete software is available for the easy and efficient production of markings. The marking data generated can be imported from CAE systems, Excel or word processing programs using the data exchange manager included in PROJECT complete. In addition to automatic data transfer, there is also the option of manual input. The print files are then automatically forwarded to the corresponding marking systems and processed.

If you do not have the option of creating markings yourself, you can turn to our marking service. We will be happy to handle your printing orders. This also includes engraving or laser marking of stainless steel cable markers.



Conductors and cables can be optimally and permanently marked with stainless steel or aluminum markers. They are attached using cable ties.



Clip-on conductor markers feature two non-detachable marking areas that remain legible at all times. They are clipped onto pre-wired conductors and cables manually.



Individual printed markers are threaded onto conductors or attached by means of cable ties. Various materials can be supplied as cards, sheets or on rolls.



The ferrules feature an insulating collar that supports marking and are marked prior to crimping. This combines two operations in one.



PATG HF, PATG, and PATO marking collars are slid onto the conductors and filled with insert strips that can be marked.



Shrink sleeves are ideal for captive marking of cables and conductors. They are available prefabricated and in rolls.



Conductor markers are fitted using cable ties almost regardless of conductor or cable diameter. The large marking area provides enough space for comprehensive marking.



Cable marker labels consist of a marking field and transparent film. The film protects the marking against abrasion and dirt. The labels are available in various shapes and sizes.



Plastic cable markers are suitable for both bundling and marking conductors and cables. A sealing cap protects the marking against contamination and abrasion.

Marking and labeling – MARKING system

Wire and cable marking

Overview of wire and cable marking

Markers for marking with various marking technologies



Conductor/cable diameter [mm]	Shrink sleeve (shrink ratio: 3:1)				Shrink sleeve (shrink ratio: 2:1)				Cable marker label		Stainless steel and aluminum cable markers for fastening with cable ties					
	Page 44				Page 45				Page 45		Page 180					
	MM-WMS 3,2 ...	MM-WMS 4,8 ...	MM-WMS 6,4 ...	MM-WMS 9,5 ...	MM-WMS-2 3,2 ...	MM-WMS-2 4,8 ...	MM-WMS-2 6,4 ...	MM-WMS-2 9,5 ...	MM-WML 3 ...	MM-WML 5 ...	LS-WMTB-... (29X8)	LS-WMTB-... (40X15)	LS-WMTB-... (60X15)	LS-WMTB-... (100X15)	LS-WMTB-... (D25)	LS-WMTB-... (D30)
0.5																
1.0																
1.5	1.0															
2.0	1.6	1.6	2.1		1.6	2.4			2.0	2.0						
2.5																
3.0	3.2				3.2				3.0		2.9					
3.5																
4.0		4.8		3.2		3.2										
4.5																
5.0			6.4					4.8		5.0		4.6	4.6	4.6		
5.5																
6.0																
7.0																
8.0																
9.0																
10.0				9.5				9.5								
12.0																
14.0																
16.0																
18.0																
20.0																
22.0																
24.0																
26.0															25	
28.0																
30.0																
35.0																30
40.0																
45.0																
50.0											50.0	50.0	50.0	50.0		

Marking and labeling – MARKING system

Wire and cable marking

Overview of wire and cable marking

Markers for marking with various marking technologies



Conductor/cable diameter [mm]	Slide-on conductor markers		Clip-on conductor markers										Cable markers for fastening with cable ties			
	Page 208		Page 209										Page 210			
	UCT-WMS 3,2 ...	UCT-WMS 4,7 ...	UCT-WMCO 1,9 ...	UCT-WMCO 2,9 ...	UCT-WMCO 3,5 ...	UCT-WMCO 4,1 ...	UCT-WMCO 4,7 ...	UCT-WMCO 5,4 ...	UCT-WMCO 6,1 ...	UCT-WMCO 6,8 ...	UCT-WMCO 7,5 ...		UCT-WMTBA (24X4)	UCT-WMTBA (29X6)	UCT-WMTBA (40X17)	UCT-WMTBA (29X8)
0.5																
1.0																
1.5			1.1													
2.0	1.5		1.9													
2.5				2.0												
3.0		2.5		2.9												
3.5	3.2				2.9											2.9
4.0					3.5											
4.5						3.5										
5.0		4.7				4.1										
5.5							4.1									
6.0							4.7									
7.0							5.4						5.0			
8.0								5.4								
9.0									5.4							
10.0										6.1						
12.0											6.1					
14.0												6.8				
16.0													6.8			
18.0														6.0		
20.0															6.0	
22.0																
24.0																
26.0																
28.0																
30.0																
35.0																
40.0																
45.0																
50.0													50.0	50.0	50.0	50.0



Cable markers for fastening with cable ties	Cable marker label	Cable marker label	Cable marker label
Page 183	Page 215	Page 216	Page 217

US-WMTB ...	US-WML 6 (13X13)	US-WML 14 (25X19)	US-WML 36 (25X25)	WML 3 (13X10)A4	WML 5 (25X10)A4	WML 7,5 (25X13)A4	WML 14 (25X19)A4	WML 22 (35X25)A4	WML 36 (25X38)A4	WML 3 (13X10)R	WML 5 (25X10)R	WML 6 (13X13)R	WML 7,5 (...X...)R	WML 12 (25X19)R	WML 14 (...X...)R	WML 18 (12X12)R	WML 20 (31X25)R	WML 22 (25X25)R	WML 36 (25X38)R	WML 46 (25X83)R
				3.0	3.0					3.0	3.0									
	4.0					4.0						4.0	4.0			4.0				
					5.0						5.0									
	6.0											6.0								
		6.0					6.0						7.5	6.0	6.0					
						7.5														
								8.0									8.0	8.0		
														12.0						
13.0		14.0	14.0				14.0		12.0						14.0				12.0	12.0
								22.0								18.0				
																	20.0			
																		22.0		
			36.0						36.0										36.0	
50.0																				46.0

Marking and labeling – MARKING system

Wire and cable marking

Overview of wire and cable marking

Markers for marking with various marking technologies



Conductor / cable diameter [mm]	Cable marker label, with integrated RFID transponder	Cable marker label						Cable marking flags	Shrink sleeve (shrink ratio: 2:1)										
	Page 217	Page 218						Page 219	Page 184										
	WML- RFID/HF14(25x19)R	WML HF 3 (13X10)R	WML HF 5 (25X10)R	WML HF 7,5 (25X13)R	WML HF 14 (25X19)R	WML HF 22 (35X25)R	WML HF 36 (25X38)R	WML-FLAG 6 ...	WML-FLAGV 6 ...	WMS-2 HF 2,4...	WMS-2 HF 3,2...	WMS-2 HF 4,8...	WMS-2 HF 6,4...	WMS-2 HF 9,5...	WMS-2 HF 12,7...	WMS-2 HF 19,1...	WMS-2 HF 25,4...	WMS-2 HF 38,1...	WMS-2 HF 50,8...
0.5																			
1.0								0.5	0.5										
1.5																			
2.0										1.2									
2.5										2.4									
3.0		3.0	3.0								1.6								
3.5											3.2								
4.0												2.4							
4.5				4.0									3.2						
5.0			5.0									4.8							
5.5													4.8						
6.0								6.0	6.0					6.4					
7.0	6.0				6.0										6.4				
8.0				7.5															
9.0																			
10.0																			
12.0																9.5			
14.0	14.0				14.0		12.0								12.7				
16.0																	12.7		
18.0																			
20.0																19.1			
22.0						22.0												19.1	
24.0																	25.4		
26.0																			
28.0																			
30.0																			
35.0																			
40.0							36.0											38.1	
45.0																			
50.0																			50.8

				
Shrink sleeve (shrink ratio: 3:1)	Thread-on cable markers	Cable markers for fastening with cable ties	Cable markers for fastening with cable ties	Cable markers for fastening with cable ties in conjunction with EML...
Page 224	Page 185	Page 231	Page 232	Page 185
WMS 2,4... WMS 3,2... WMS 4,8... WMS 6,4... WMS 9,5... WMS 12,7... WMS 19,1... WMS 25,4... WMS 38,1... WMS 50,8...	WMT 2,4 (15X4)R WMT 3,5 (15X5)R WMT 4,2 (15X6)R WMT 5,5 (15X8)R WMT 8,4 (15X10)R	WMTB (...X...)R	WMTB HF (...X...)R	WM-CARRIER/B (...X...)LPR
0.8 2.4 1.0 1.6 2.1 3.2 4.8 6.4 9.5 12.7 19.1 25.4 38.1 50.8	1.0 2.4 2.0 3.5 3.0 4.2 4.0 5.5 5.0 6.0 8.4 50.0			6.0 6.0 6.0 50.0

Marking and labeling – MARKING system

Wire and cable marking

Overview of wire and cable marking

Markers for marking with various marking technologies



Cable marker carrier
for fastening with cable ties
in conjunction with
US-EMP .../ ESL .../ EMT ...

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Cable marker carrier
for fastening with cable ties
in conjunction with
UCT-EMP .../ ESL .../ EMT ...

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Cable marker carrier
for fastening with cable ties
in conjunction with
US-EMP .../ UCT-EMP .../ ESL .../ EMT ...

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Conductor/cable diameter
[mm]

	KMK	KMK 1	KMK 2	KMK 3	KMK 4	KMK 5	KMK HP (25X6)	KMK HP (29X8)	KMK HP (40X17)	KMK HP (60X15)	KMK UV (25X6)	KMK UV (29X8)	KMK UV (40X17)	KMK UV (60X15)
0.5														
1.0		0.5	0.5		0.5	0.5								
1.5														
2.0														
2.5														
3.0														
3.5														
4.0														
4.5														
5.0														
5.5														
6.0														
7.0							6.0	6.0			6.0	6.0		
8.0														
9.0														
10.0	10.0								9.0	9.0			9.0	9.0
12.0														
14.0														
16.0														
18.0				16.0										
20.0														
22.0														
24.0	25.0													
26.0														
28.0														
30.0														
35.0				35.0										
40.0														
45.0														
50.0		50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0



Slide-on marking collar
in conjunction with
UC-WMT .../ UCT-WMT ...

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[illegible]

Wire and cable marking

Stainless steel and aluminum cable marking for assembly with cable ties



- The LS-WMTB ... product range is available in stainless steel (V4A) or aluminum. The range provides markers for quick and easy fastening with cable ties
- LS-WMTB-V4A ... markers are characterized in particular by their high resistance to salt water, chloride, and solvents. This makes them suitable for the most demanding industrial requirements.



- By selecting the material in the PROJECT complete planning and configuration software, the correct laser parameters are automatically transferred to TOPMARK ...
- **Designation example:**
LS-WMTB-V4A (29x8)
Lettering field size: 29 x 8 mm



- The use of modern laser technology creates highly resistant and permanent markings
- The LS-WMTB-V4A ... product group can be marked in two ways: by engraving or annealing
- Marking service: Phoenix Contact can custom-mark many markers according to your requirements

Can be marked using:



Direct laser marking

General data

Can be marked with

Material

Wipe resistance

Components

Description

Stainless steel label, for assembly with cable ties,

conductor diameter

36-section, > 2.9 mm Ø

16-section, > 4.6 mm Ø

16-section, > 4.6 mm Ø

8-section, > 4.6 mm Ø

Aluminum label, for assembly with cable ties,

conductor diameter

36-section, > 2.9 mm Ø

16-section, > 4.6 mm Ø

16-section, > 4.6 mm Ø

8-section, > 4.6 mm Ø

Adapter plate, for LS materials, for TOPMARK NEO

Sheet hopper, for TOPMARK LASER

Notes:

For corresponding stainless steel cable ties, see page 620.

PRINTED
FOR YOU



Stainless steel, material thickness: 0.5 mm

PRINTED
FOR YOU



Aluminum, material thickness: 0.8 mm

PRINTED
FOR YOU



Aluminum, black, material thickness: 0.8 mm

Technical data

TOPMARK NEO • TOPMARK LASER
V4A
DIN EN 61010-1 (VDE 0411-1)
Free from silicone, halogen, and cadmium

Ordering data

Type	Order No.	Pcs./Pkt.
LS-WMTB-V4A (29X8)	0831516	5
LS-WMTB-V4A (40X15)	0831517	5
LS-WMTB-V4A (60X15)	0831518	5
LS-WMTB-V4A (100X15)	0831519	5

Accessories

TMN-ADAPTER PLATE-LS	1012104	1
TOPMARK LASER-MAG SHEET	0831836	1

Technical data

TOPMARK NEO • TOPMARK LASER
Aluminum
DIN EN 61010-1 (VDE 0411-1)
Free from silicone, halogen, and cadmium

Ordering data

Type	Order No.	Pcs./Pkt.
LS-WMTB-AL (29X8)	0831500	5
LS-WMTB-AL (40X15)	0831501	5
LS-WMTB-AL (60X15)	0831502	5
LS-WMTB-AL (100X15)	0831503	5

Accessories

TMN-ADAPTER PLATE-LS	1012104	1
TOPMARK LASER-MAG SHEET	0831836	1

Technical data

TOPMARK NEO • TOPMARK LASER
Aluminum
DIN EN 61010-1 (VDE 0411-1)
Free from silicone, halogen, and cadmium

Ordering data

Type	Order No.	Pcs./Pkt.
LS-WMTB-AL (29X8) BK	0831508	5
LS-WMTB-AL (40X15) BK	0831509	5
LS-WMTB-AL (60X15) BK	0831510	5
LS-WMTB-AL (100X15) BK	0831511	5

Accessories

TMN-ADAPTER PLATE-LS	1012104	1
TOPMARK LASER-MAG SHEET	0831836	1

Wire and cable marking

Stainless steel and aluminum cable marking for assembly with cable ties



- The LS-WMTB ... product range in circular format is available in stainless steel (V4A) or aluminum. LS-WMTB ... provides markers for quick and easy fastening with cable ties
- The LS-WMTB-V4A ... group is characterized in particular by its high resistance to salt water, chloride, and solvents. This makes it suitable for the most demanding industrial requirements.



- By selecting the material in the PROJECT complete planning and configuration software, the correct laser parameters are automatically transferred to TOPMARK ...
- **Designation example:**
LS-WMTB-V4A (D25)
Diameter: 25 mm



- The use of modern laser technology creates highly resistant and permanent markings
- The LS-WMTB-V4A ... product group can be marked in two ways: by engraving or annealing
- Marking service: Phoenix Contact can custom-mark many markers according to your requirements

Can be marked using:



Direct laser marking

General data
Can be marked with
Material
Wipe resistance
Components

Description
Stainless steel label , round, for assembly with cable ties
30-section, diameter: 25 mm
20-section, diameter: 30 mm
Aluminum label , round, for assembly with cable ties
30-section, diameter: 25 mm
20-section, diameter: 30 mm

Adapter plate , for LS materials, for TOPMARK NEO
Sheet hopper , for TOPMARK LASER

Notes:
For corresponding stainless steel cable ties, see page 620.

PRINTED
FOR YOU



Stainless steel, material thickness: 0.5 mm

PRINTED
FOR YOU



Aluminum, material thickness: 0.8 mm

PRINTED
FOR YOU



Aluminum, black, material thickness: 0.8 mm

Technical data

TOPMARK NEO • TOPMARK LASER
V4A
DIN EN 61010-1 (VDE 0411-1)
Free from silicone, halogen, and cadmium

Ordering data

Type	Order No.	Pcs./Pkt.
LS-WMTB-V4A (D25)	0831520	5
LS-WMTB-V4A (D30)	0831521	5

Accessories

TMN-ADAPTER PLATE-LS	1012104	1
TOPMARK LASER-MAG SHEET	0831836	1

Technical data

TOPMARK NEO • TOPMARK LASER
Aluminum
DIN EN 61010-1 (VDE 0411-1)
Free from silicone, halogen, and cadmium

Ordering data

Type	Order No.	Pcs./Pkt.
LS-WMTB-AL (D25)	0831504	5
LS-WMTB-AL (D30)	0831505	5

Accessories

TMN-ADAPTER PLATE-LS	1012104	1
TOPMARK LASER-MAG SHEET	0831836	1

Technical data

TOPMARK NEO • TOPMARK LASER
Aluminum
DIN EN 61010-1 (VDE 0411-1)
Free from silicone, halogen, and cadmium

Ordering data

Type	Order No.	Pcs./Pkt.
LS-WMTB-AL (D25) BK	0831512	5
LS-WMTB-AL (D30) BK	0831513	5

Accessories

TMN-ADAPTER PLATE-LS	1012104	1
TOPMARK LASER-MAG SHEET	0831836	1

Wire and cable marking

Aluminum cable marking for assembly with cable ties



Can be marked using:



UV LED technology



Aluminum, material thickness: 0.8 mm

The WMTBA ... product range is available in aluminum (AL) and is characterized by:

- Double-sided marking option
- High-quality appearance
- Easy assembly with cable ties
- Suitable for large-surface marking of conductors and cables > 2.9 mm in diameter

Notes:

For corresponding stainless steel cable ties, see page 620.

General data

Can be marked with

Material
Wipe resistance
Components

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED

Aluminum
DIN EN 61010-1 (VDE 0411-1)
Free from silicone, halogen, and cadmium

Ordering data

Description	Color
Aluminum label , 0.8 mm thick, conductor diameter [mm]	
Lettering field size: 29 x 8 mm, > 2.9 mm Ø	aluminum color
Lettering field size: 40 x 15 mm, > 4.6 mm Ø	aluminum color
Lettering field size: 60 x 15 mm, > 4.6	aluminum color
Aluminum label , round, 0.8 mm thick	
Diameter: 30 mm	aluminum color

Type	Order No.	Pcs./Pkt.
WMTB-AL (29X8)	0830805	90
WMTB-AL (40X15)	0830524	45
WMTB-AL (60X15)	0830525	45

Magazine, for BLUEMARK printer, for accommodating aluminum labels
for WMTB-AL (29X8)
for WMTB-AL (40X15)
for WMTB-AL (60X15)

Magazine, for BLUEMARK printer, for accommodating stainless steel and aluminum labels
for WMTB-AL (D30) ...

Accessories

BLUEMARK MAG WM-M (29X8)	0802743	1
BLUEMARK MAG WM-M (40X15)	0802744	1
BLUEMARK MAG WM-M (60X15)	0802746	1



Aluminum, material thickness: 0.8 mm

Technical data		
BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED		
Aluminum DIN EN 61010-1 (VDE 0411-1) Free from silicone, halogen, and cadmium		
Ordering data		
Type	Order No.	Pcs./Pkt.
WMTB-AL (D30)	0830804	90
Accessories		
BLUEMARK MAG WM-M (D30)	0802747	1

Marking and labeling – MARKING system

Wire and cable marking

Clip-on UniCard wire marking

Can be marked using:



UV LED technology



Plotter



Markers for conductor diameters
from 1.2 to 1.9 mm

- The UC-WMC ... UniCard marking range includes markers for the captive marking of control cables right through to light plastic-sheathed cables with large diameters
- The BLUEMARK printing systems mark the markers, which are supplied in uniform sheets, quickly and easily
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- Can be clipped on even after wiring has been completed
- Two marking areas that can be easily read at anytime
- The markers support multi-line marking
- The sheets provide space for including function texts
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements

Notes:

For more variants, see phoenixcontact.net/products.

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Wipe resistance

Components

Conductor diameter range

[mm]

Conductor cross section range

[mm²]

Conductor cross section range

AWG

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED •

PLOTMARK • CMS-P1-PLOTTER

PA

V2

-40 ... 120

DIN EN 61010-1 (VDE 0411-1)

Free from silicone and halogen

1.2 ... 1.9

0.25 ... 0.34

24 ... 22

Technical data

Ordering data

Description

Color

UniCard, for subsequent marking of conductors, lettering field size:
15 x 4 mm, 20-section, 4 individual labels per strip

white

red

yellow

blue

UniCard, for subsequent marking of conductors, lettering field size:
30 x 4 mm, 12-section, 4 individual labels per strip

white

Type

Order No.

Pcs./Pkt.

UC-WMC 1,9 (15X4)

0828004

10

UC-WMC 1,9 (15X4) RD

0828006

10

UC-WMC 1,9 (15X4) YE

0828008

10

UC-WMC 1,9 (15X4) BU

0828010

10

UC-WMC 1,9 (30X4)

0830283

10

Accessories

Magazine, for CMS-P1-PLOTTER and PLOTMARK

P1 UC-MAG 1

5146079

1



Clip-on UniCard wire marking



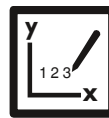
Markers for conductor diameters
from 1.9 to 3.1 mm

General data		Technical data			
Can be marked with		BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER			
Material		PA			
Flammability rating in accordance with UL 94		V2			
Temperature range		-40 ... 120			
Wipe resistance		DIN EN 61010-1 (VDE 0411-1)			
Components		Free from silicone and halogen			
Conductor diameter range		1.9 ... 3.1			
Conductor cross section range		0.5 ... 1.5			
Conductor cross section range		20 ... 16			
Ordering data					
Description		Type	Order No.	Pcs./Pkt.	
UniCard , for subsequent marking of conductors, lettering field size: 15 x 4 mm, 20-section, 4 individual labels per strip		white	UC-WMC 3,1 (15X4)	0818205	10
		red	UC-WMC 3,1 (15X4) RD	0818755	10
		yellow	UC-WMC 3,1 (15X4) YE	0818739	10
		blue	UC-WMC 3,1 (15X4) BU	0818742	10
UniCard , for subsequent marking of conductors, lettering field size: 23 x 4 mm, 12-section, 4 individual labels per strip		white	UC-WMC 3,1 (23X4)	0818218	10
		red	UC-WMC 3,1 (23X4) RD	0818807	10
		yellow	UC-WMC 3,1 (23X4) YE	0818784	10
		blue	UC-WMC 3,1 (23X4) BU	0818797	10
UniCard , for subsequent marking of conductors, lettering field size: 30 x 4 mm, 12-section, 4 individual labels per strip		white	UC-WMC 3,1 (30X4)	0819631	10
		red	UC-WMC 3,1 (30X4) RD	0820769	10
		yellow	UC-WMC 3,1 (30X4) YE	0819644	10
		blue	UC-WMC 3,1 (30X4) BU	0820756	10
Accessories					
Magazine, for CMS-P1-PLOTTER and PLOTMARK		P1 UC-MAG 1	5146079	1	

Can be marked using:



UV LED technology



Plotter



Markers for conductor diameters
from 2.8 to 4.4 mm

- The UC-WMC ... UniCard marking range includes markers for the captive marking of control cables right through to light plastic-sheathed cables with large diameters
- The BLUEMARK printing systems mark the markers, which are supplied in uniform sheets, quickly and easily
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- Can be clipped on even after wiring has been completed
- Two marking areas that can be easily read at anytime
- The markers support multi-line marking
- The sheets provide space for including function texts
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements

General data

Can be marked with

Material	
Flammability rating in accordance with UL 94	
Temperature range	[°C]
Wipe resistance	
Components	
Conductor diameter range	[mm]
Conductor cross section range	[mm²]
Conductor cross section range	AWG

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER
PA
V2
-40 ... 120
DIN EN 61010-1 (VDE 0411-1)
Free from silicone and halogen
2.8 ... 4.4
1.5 ... 4
16 ... 12

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
UniCard , for subsequent marking of conductors, lettering field size: 15 x 5.5 mm, 15-section, 3 individual labels per strip				
	white	UC-WMC 4,4 (15X5,5)	0818182	8
	red	UC-WMC 4,4 (15X5,5) RD	0818852	8
	yellow	UC-WMC 4,4 (15X5,5) YE	0818836	8
	blue	UC-WMC 4,4 (15X5,5) BU	0818849	8
UniCard , for subsequent marking of conductors, lettering field size: 23 x 5.5 mm, 9-section, 3 individual labels per strip				
	white	UC-WMC 4,4 (23X5,5)	0818195	8
	red	UC-WMC 4,4 (23X5,5) RD	0818904	8
	yellow	UC-WMC 4,4 (23X5,5) YE	0818881	8
	blue	UC-WMC 4,4 (23X5,5) BU	0818894	8
UniCard , for subsequent marking of conductors, lettering field size: 30 x 5.5 mm, 9-section, 3 individual labels per strip				
	white	UC-WMC 4,4 (30X5,5)	0819657	8
	red	UC-WMC 4,4 (30X5,5) RD	0820882	10
	blue	UC-WMC 4,4 (30X5,5) BU	0820879	10

Magazine, for CMS-P1-PLOTTER and PLOTMARK

Accessories

P1 UC-MAG 2	5146082	1
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Clip-on UniCard wire marking

PRINTED
FOR YOU



Markers for conductor diameters
from 4.2 to 5.6 mm

PRINTED
FOR YOU



Markers for conductor diameters
from 5 to 7.5 mm

General data		Technical data			Technical data		
Can be marked with		BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER			BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER		
Material		PA			PA		
Flammability rating in accordance with UL 94		V2			V2		
Temperature range	[°C]	-40 ... 120			-40 ... 120		
Wipe resistance		DIN EN 61010-1 (VDE 0411-1)			DIN EN 61010-1 (VDE 0411-1)		
Components		Free from silicone and halogen			Free from silicone and halogen		
Conductor diameter range	[mm]	4.2 ... 5.6			5 ... 7.5		
Conductor cross section range	[mm²]	4 ... 10			6 ... 16		
Conductor cross section range	AWG	12 ... 10			10 ... 6		
Ordering data		Ordering data			Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
UniCard, for subsequent marking of conductors, lettering field size: 23 x 8 mm, 6-section, 2 individual labels per strip	white	UC-WMC 5,6 (23X8)	0825382	5	UC-WMC 7,5 (23X8)	0818179	5
	red	UC-WMC 5,6 (23X8) RD	0825387	5	UC-WMC 7,5 (23X8) RD	0819039	5
	yellow	UC-WMC 5,6 (23X8) YE	0825386	5	UC-WMC 7,5 (23X8) YE	0818933	5
	blue	UC-WMC 5,6 (23X8) BU	0825383	5	UC-WMC 7,5 (23X8) BU	0818946	5
UniCard, for subsequent marking of conductors, lettering field size: 30 x 8 mm, 6-section, 2 individual labels per strip	white	UC-WMC 5,6 (30X8)	0825396	5	UC-WMC 7,5 (30X8)	0819673	5
	red	UC-WMC 5,6 (30X8) RD	0825401	5	UC-WMC 7,5 (30X8) RD	0820963	5
	yellow	UC-WMC 5,6 (30X8) YE	0825400	5	UC-WMC 7,5 (30X8) YE	0819686	5
	blue	UC-WMC 5,6 (30X8) BU	0825397	5	UC-WMC 7,5 (30X8) BU	0820950	5
Accessories		Accessories			Accessories		
Magazine, for CMS-P1-PLOTTER and PLOTMARK		P1 UC-MAG 3	5146095	1	P1 UC-MAG 3	5146095	1

Marking and labeling – MARKING system

Wire and cable marking

Slide-on UniCard wire marking

- The UCT-WMCO ... UniCard marking range includes thread-on markers for the subsequent marking of conductors. The markers are easily slid on with the help of the UC-WMCO ... TOOL.
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- Large-surface marking in a space-saving design

PRINTED
FOR YOU



Markers for conductor diameters
from 1.3 to 1.6 mm

PRINTED
FOR YOU



Markers for conductor diameters
from 1.6 to 2.1 mm

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Components

Conductor diameter range

[mm]

Conductor cross section range

[mm²]

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER

PA

V2

-40 ... 120

Free from silicone and halogen

1.3 ... 1.6

0.25 ... 0.5

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER

PA

V2

-40 ... 120

Free from silicone and halogen

1.6 ... 2.1

0.5 ... 0.75

Ordering data

Description

Color

UniCard, for subsequent marking of conductors, lettering field size:
12 x 3 mm, 40-section, 10 individual labels per strip

white

red

yellow

blue

UniCard, for subsequent marking of conductors, lettering field size:
21 x 3 mm, 40-section, 10 individual labels per strip

white

red

yellow

blue

Type

Order No.

Pcs./Pkt.

UC-WMCO 1,6 (12X3)

0827092

10

UC-WMCO 1,6 (12X3) RD

0827516

10

UC-WMCO 1,6 (12X3) YE

0827513

10

UC-WMCO 1,6 (12X3) BU

0827514

10

UC-WMCO 1,6 (21X3)

0827106

10

UC-WMCO 1,6 (21X3) RD

0827528

10

UC-WMCO 1,6 (21X3) YE

0827525

10

UC-WMCO 1,6 (21X3) BU

0827526

10

Accessories

Magazine, for CMS-P1-PLOTTER and PLOTMARK

Assembly tool, for easily sliding on UC-WMCO 1,6 and UC-WMCO 2,1 conductor markers

Assembly tool set, for easily sliding on UC-WMCO 1,6 ... and UC-WMCO 4,9 ... conductor markers

P1 UC-MAG 7

5146568

1

UC-WMCO 2,1 TOOL

0827803

10

UC-WMCO TOOL SET

0827807

1

Ordering data

Type

Order No.

Pcs./Pkt.

UC-WMCO 2,1 (12X3)

0827120

10

UC-WMCO 2,1 (12X3) RD

0827540

10

UC-WMCO 2,1 (12X3) YE

0827537

10

UC-WMCO 2,1 (12X3) BU

0827538

10

UC-WMCO 2,1 (21X3)

0827134

10

UC-WMCO 2,1 (21X3) RD

0827552

10

UC-WMCO 2,1 (21X3) YE

0827549

10

UC-WMCO 2,1 (21X3) BU

0807550

10

Accessories

P1 UC-MAG 7

5146568

1

UC-WMCO 2,1 TOOL

0827803

10

UC-WMCO TOOL SET

0827807

1

Marking and labeling – MARKING system

Wire and cable marking

Slide-on UniCard wire marking

- The UCT-WMCO ... marking range includes thread-on markers for the subsequent marking of conductors. The markers are easily slid on with the help of the UC-WMCO ... TOOL.
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements
- The BLUEMARK printing systems, CMS-P1-PLOTTER, and PLOTMARK mark the markers, which are supplied in uniform sheets, quickly and easily

PRINTED
FOR YOU



Markers for conductor diameters
from 3.6 to 4.9 mm

PRINTED
FOR YOU



Markers for conductor diameters
from 3.6 to 4.9 mm

General data		Technical data			Technical data		
Can be marked with		BLUEMARK ID COLOR • BLUEMARK ID COLOR • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER			BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER		
Material		PA			PA		
Flammability rating in accordance with UL 94		V2			V2		
Temperature range	[°C]	-40 ... 120			-40 ... 120		
Components		Free from silicone and halogen			Free from silicone and halogen		
Conductor diameter range	[mm]	3.6 ... 4.9			3.6 ... 4.9		
Conductor cross section range	[mm²]	2.5 ... 4			2.5 ... 4		
Description		Ordering data			Ordering data		
UniCard, for subsequent marking of conductors, lettering field size: 12 x 5 mm, 24-section, 6 individual labels per strip	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
	white	UC-WMCO 4,9 (12X5)	0827733	5			
	red	UC-WMCO 4,9 (12X5) RD	0827737	5			
	yellow	UC-WMCO 4,9 (12X5) YE	0827734	5			
	blue	UC-WMCO 4,9 (12X5) BU	0827735	5			
UniCard, for subsequent marking of conductors, lettering field size: 21 x 5 mm, 24-section, 6 individual labels per strip	Color						
	white				UC-WMCO 4,9 (21X5)	0827747	5
	red				UC-WMCO 4,9 (21X5) RD	0827751	5
	yellow				UC-WMCO 4,9 (21X5) YE	0827748	5
	blue				UC-WMCO 4,9 (21X5) BU	0827749	5
Magazine, for CMS-P1-PLOTTER and PLOTMARK		Accessories			Accessories		
Assembly tool, for easily sliding on UC-WMCO 4,9 ... conductor markers		P1 UC-MAG 7	5146568	1	P1 UC-MAG 7	5146568	1
Assembly tool set, for easily sliding on UC-WMCO 1,6 ... and UC-WMCO 4,9 ... conductor markers		UC-WMCO 5,8 TOOL	0827805	10	UC-WMCO 5,8 TOOL	0827805	10
		UC-WMCO TOOL SET	0827807	1	UC-WMCO TOOL SET	0827807	1

Wire marking with ferrules that can be marked



Can be marked using:



UV LED technology



Ferrules for conductors with a cross section of 0.5 to 2.5 mm², lettering field size: 15 x 4 mm

- Ferrules that can be marked with BLUEMARK printing systems
- Crimping and marking in one step
- Highly resistant and optimum printing quality, thanks to modern UV printing technology
- Ferrules made from electrolytic copper
- Electrogalvanized
- Corresponding crimping pliers can be found on page 417.

General data

Can be marked with

Material / coating
Temperature range
Components

[°C]

ERC

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED

E-CU / tin-plated (galvanic)

-40 ... 120

Free from silicone and halogen

Ordering data

Description	Color
Ferrules , with plastic sleeve that can be marked, color range in accordance with DIN 46228-4: 1990-09	
20 pcs., 0.5 mm ² cross section	white
20 pcs., 0.75 mm ² cross section	gray
20 pcs., 1.0 mm ² cross section	red
20 pcs., 1.5 mm ² cross section	white
20 pcs., 2.5 mm ² cross section	blue

Type	Order No.	Pcs./Pkt.
AI-WM 0,5-8 WH	3240542	780
AI-WM 0,75-8 GY	3240543	780
AI-WM 1-8 RD	3240544	780
AI-WM 1,5-8 WH	3240545	780
AI-WM 2,5-8 BU	3240572	528

Magazine for BLUEMARK printer, for accommodating ferrules with insulating collar that can be marked

For 0.5-1.5 mm²
For 2.5 mm²

Accessories

BLUEMARK MAG AI-WM	5146567	1
BLUEMARK MAG AI-WM 2,5	5146640	1



Marking and labeling – MARKING system

Wire and cable marking

UniCard wire marking for marking collars

Can be marked using:



UV LED technology



Plotter



Markers with lettering field size
10 x 4 mm to 18 x 4 mm

- The UC-WMT ... UniCard marking range includes markers for wire marking with marking collars from the PATG/PATO ... system; see page 248.
- The BLUEMARK printing systems mark the markers, which are supplied in uniform sheets, quickly and easily
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- Marked insert strips are simply inserted into the collars. This protects the marking against contamination
- The insert labels are aligned in such a way on the UniCard materials that they can be separated branch-wise. This makes mounting easier
- The sheets provide space for including function texts
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements

Notes:

PATG/PATO ... system, see page 248.

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Components

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED •
PLOTMARK • CMS-P1-PLOTTER
PA
V2
-40 ... 120
Free from silicone and halogen

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
UniCard, with insert strips for PATG and PATO marking collars, for lettering field size 10 x 4 mm, 48-section, 8 individual labels per strip	white	UC-WMT (10X4)	0819372	10
	red	UC-WMT (10X4) RD	0821001	10
	yellow	UC-WMT (10X4) YE	0819385	10
	blue	UC-WMT (10X4) BU	0820992	10
UniCard, with insert strips for PATG and PATO marking collars, for lettering field size 12 x 4 mm, 32-section, 8 individual labels per strip	white	UC-WMT (12X4)	0823517	10
	red	UC-WMT (12X4) RD	0823614	10
	yellow	UC-WMT (12X4) YE	0823591	10
	blue	UC-WMT (12X4) BU	0823575	10
UniCard, with insert strips for PATG and PATO marking collars, for lettering field size 15 x 4 mm, 32-section, 8 individual labels per strip	white	UC-WMT (15X4)	0819398	10
	red	UC-WMT (15X4) RD	0821043	10
	yellow	UC-WMT (15X4) YE	0819408	10
	blue	UC-WMT (15X4) BU	0821030	10
UniCard, with insert strips for PATG and PATO marking collars, for lettering field size 18 x 4 mm, 24-section, 8 individual labels per strip	white	UC-WMT (18X4)	0820293	10
	red	UC-WMT (18X4) RD	0821085	10
	yellow	UC-WMT (18X4) YE	0820303	10
	blue	UC-WMT (18X4) BU	0821072	10

Accessories

Magazine, for CMS-P1-PLOTTER and PLOTMARK

P1 UC-MAG 4	5146105	1
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UniCard wire marking for marking collars



Markers with lettering field size
23 x 4 mm



Markers with lettering field size
30 x 4 mm

General data		Technical data			Technical data		
Can be marked with		BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER			BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER		
Material		PA			PA		
Flammability rating in accordance with UL 94		V2			V2		
Temperature range		-40 ... 120			-40 ... 120		
Components		Free from silicone and halogen			Free from silicone and halogen		
Description		Ordering data			Ordering data		
UniCard, with insert strips for PATG and PATO marking collars, for lettering field size 23 x 4 mm, 24-section, 8 individual labels per strip		Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
white		UC-WMT (23X4)	0819411	10			
red		UC-WMT (23X4) RD	0821124	10			
yellow		UC-WMT (23X4) YE	0819424	10			
blue		UC-WMT (23X4) BU	0821111	10			
silver		UC-WMT (23X4) SR	0802719	10			
UniCard sheet, with insert strips for PATG and PATO marking collars, for lettering field size 30 x 4 mm, 16-section, 8 individual labels per strip					UC-WMT (30X4)	0819437	10
white					UC-WMT (30X4) RD	0821166	10
red					UC-WMT (30X4) YE	0819440	10
yellow					UC-WMT (30X4) BU	0821153	10
blue							
Accessories		Accessories			Accessories		
Magazine, for CMS-P1-PLOTTER and PLOTMARK		P1 UC-MAG 4	5146105	1	P1 UC-MAG 4	5146105	1

Wire and cable marking

UniCard cable marking for assembly with cable ties

Can be marked using:



UV LED technology



Plotter



Markers for cable diameters > 7 mm

- The UCT-WMTB ... and UC-WMTBA ... UniCard marking ranges provide markers for fastening with standard cable ties
- The BLUEMARK printing systems mark the markers, which are supplied in uniform sheets, quickly and easily
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- For large-surface marking of conductors and cables > 7 mm in diameter
- The sheets provide space for including function texts
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements

Notes:

For more cable markers for fastening with cable ties, visit: phoenixcontact.net/products

For corresponding cable ties, see from page 614.

General data

Can be marked with

Material	
Flammability rating in accordance with UL 94	
Temperature range	[°C]
Components	
Cable diameter range	[mm]
Cable cross section range	[mm²]

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • PLOTMARK • CMS-P1-PLOTTER
PA
V2
-40 ... 120
Free from silicone and halogen
> 7 ... 136
> 16

Ordering data

Description	Color
UniCard , for mounting with two cable ties, lettering field size: 44 x 15 mm, 4-section, 1 individual label per strip	
	white
	red
	yellow
	blue
UniCard , for mounting with one cable tie	
3-section, lettering field size: 52 x 30 mm	white
2-section, lettering field size: 52 x 50 mm	white

Type	Order No.	Pcs./Pkt.
UC-WMTB (44X15)	0828376	10
UC-WMTB (44X15) RD	0828377	10
UC-WMTB (44X15) YE	0828379	10
UC-WMTB (44X15) BU	0828381	10
UC-WMTB (52X30)	5775288	10
UC-WMTB (52X50)	5775289	10

Accessories

P1 UC-MAG 6	5146121	1
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UniCard cable marking for assembly with cable ties

Notes:

Cable ties can be used for UC-WMTBA... up to a width of 5 mm.

For corresponding cable ties, see from page 614.

PRINTED
FOR YOU



Markers for cable diameters > 4 mm

PRINTED
FOR YOU



Markers for cable diameters > 6 mm

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Components

Cable diameter range

[mm]

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED •
PLOTMARK • CMS-P1-PLOTTER

PA

V2

-40 ... 120

Free from silicone and halogen

> 4 ... 136

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED •
PLOTMARK • CMS-P1-PLOTTER

PA

V2

-40 ... 120

Free from silicone and halogen

> 6 ... 136

Ordering data

Type	Order No.	Pcs./Pkt.
UC-WMTBA (24X5)	0820426	10
UC-WMTBA (24X5) RD	0820565	10
UC-WMTBA (24X5) YE	0820439	10
UC-WMTBA (24X5) BU	0820552	10

Ordering data

Type	Order No.	Pcs./Pkt.
UC-WMTBA (29X8)	0820183	10
UC-WMTBA (29X8) RD	0820604	10
UC-WMTBA (29X8) YE	0820390	10
UC-WMTBA (29X8) BU	0820594	10
UC-WMTBA (60X11)	0820468	10
UC-WMTBA (60X11) RD	0820646	10
UC-WMTBA (60X11) YE	0820471	10
UC-WMTBA (60X11) BU	0820633	10

Description

Color

UniCard, for assembly with cable ties, lettering field size:
24 x 5 mm, 12-section, 4 individual labels per strip

white
red
yellow
blue

UniCard, for assembly with cable ties, lettering field size:
29 x 6 mm, 12-section, 4 individual labels per strip

white
red
yellow
blue

UniCard, for assembly with cable ties, lettering field size:
60 x 11 mm, 4-section, 1 individual label per strip

white
red
yellow
blue

Accessories

P1 UC-MAG 1	5146079	1
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Accessories

P1 UC-MAG 1	5146079	1
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Magazine, for CMS-P1-PLOTTER and PLOTMARK

Marking and labeling – MARKING system

Wire and cable marking

UniCard wire marking for marking collars



Can be marked using:



Direct laser marking



UV LED technology



Thermal transfer

PRINTED
FOR YOU



Markers with lettering field size
from 10 x 4 mm to 18 x 4 mm

- The UCT-WMT ... UniCard marking range includes markers for wire marking with marking collars from the PATG/PATO ... system; see page 248.
- The markers, which are supplied in uniform sheets, can be marked quickly, easily, and precisely with marking systems
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- Marked insert strips are simply inserted into the collars. This protects the marking against contamination
- The insert labels are aligned in such a way on the UniCard materials that they can be separated branch-wise. This makes mounting easier
- The sheets provide space for including function texts
- The UCT sheets can also be used with the THERMOMARK CARD-UCT-MAG7 magazine in THERMOMARK CARD ...
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements

Notes:

PATG/PATO ... system, see page 248.

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Components

TOPMARK NEO • TOPMARK LASER • BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • THERMOMARK PRIME • THERMOMARK CARD 2.0

PC V0

V0

-40 ... 120

Free from silicone and halogen

Ordering data

Description

Color

UniCard, with insert strips for PATG and PATO marking collars, with lettering field size 10 x 4 mm, 60-section

white
red
yellow
blue

UCT-WMT (10X4)
UCT-WMT (10X4) RD
UCT-WMT (10X4) YE
UCT-WMT (10X4) BU

0801430
0801433
0801431
0801437

10
10
10
10

UniCard, with insert strips for PATG and PATO marking collars, with lettering field size 12 x 4 mm, 50-section

white
red
yellow
blue

UCT-WMT (12X4)
UCT-WMT (12X4) RD
UCT-WMT (12X4) YE
UCT-WMT (12X4) BU

0801438
0801440
0801439
0801444

10
10
10
10

UniCard, with insert strips for PATG and PATO marking collars, with lettering field size 15 x 4 mm, 50-section

white
red
yellow
blue

UCT-WMT (15X4)
UCT-WMT (15X4) RD
UCT-WMT (15X4) YE
UCT-WMT (15X4) BU

0801446
0801448
0801447
0801452

10
10
10
10

UniCard, with insert strips for PATG and PATO marking collars, with lettering field size 18 x 4 mm, 40-section

white
red
yellow
blue

UCT-WMT (18X4)
UCT-WMT (18X4) RD
UCT-WMT (18X4) YE
UCT-WMT (18X4) BU

0801462
0801464
0801463
0801468

10
10
10
10

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating UCT-WMT..., UCT-EM (7x10)

Accessories

TMP-UCT-MAG7

0803349

1



UniCard wire marking for marking collars

PRINTED
FOR YOU



Markers with lettering field size
23 x 4 mm/30 x 4 mm

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Components

TOPMARK NEO • TOPMARK LASER • BLUEMARK ID COLOR •
BLUEMARK ID • BLUEMARK CLED • THERMOMARK PRIME •
THERMOMARK CARD 2.0

PC V0

V0

-40 ... 120

Free from silicone and halogen

Technical data

Ordering data

Description

Color

UniCard, with insert strips for PATG and PATO marking collars,
with lettering field size 23 x 4 mm

white

red

yellow

blue

UCT-WMT (23X4)

UCT-WMT (23X4) RD

UCT-WMT (23X4) YE

UCT-WMT (23X4) BU

Order No.

Pcs./Pkt.

0801453

0801455

0801454

0801460

10

10

10

10

UniCard, with insert strips for PATG and PATO marking collars,
with lettering field size 30 x 4 mm

white

red

yellow

blue

UCT-WMT (30X4)

UCT-WMT (30X4) RD

UCT-WMT (30X4) YE

UCT-WMT (30X4) BU

0801422

0801424

0801423

0801428

10

10

10

10

Accessories

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating UCT-WMT..., UCT-EM (7x10)

TMP-UCT-MAG7

0803349

1

Marking and labeling – MARKING system

Wire and cable marking

Slide-on UniCard wire marking

Can be marked using:



Direct laser marking



UV LED technology



Thermal transfer

PRINTED
FOR YOU



Markers for conductor diameters
from 1.5 to 4.7 mm

- The UCT-WMS ... UniCard marking range includes markers that can be slid onto conductors
- The markers, which are supplied in uniform sheets, can be marked quickly, easily, and precisely with marking systems
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- The markers support multi-line marking
- The sheets provide space for including function texts
- The UCT sheets can also be used with the THERMOMARK CARD-UCT-MAG3 magazine in THERMOMARK CARD ...
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Components

Technical data

TOPMARK NEO • TOPMARK LASER • BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • THERMOMARK PRIME • THERMOMARK CARD 2.0

PC V0

V0

-40 ... 120

Free from silicone and halogen

Ordering data

Description	Color
UniCard , conductor diameter 1.5 - 3.2 mm 55-section, lettering field size: 12 x 4 mm	white yellow
UniCard , conductor diameter 2.5 - 4.7 mm 45-section, lettering field size: 12 x 5.5 mm	white yellow

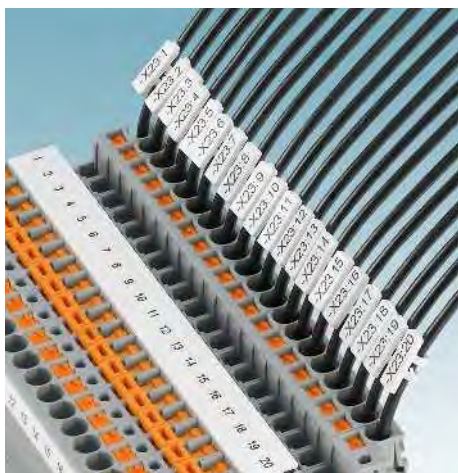
Type	Order No.	Pcs./Pkt.
UCT-WMS 3,2 (12X4)	0828570	8
UCT-WMS 3,2 (12X4) YE	0828572	8
UCT-WMS 4,7 (12X5,5)	0828571	6
UCT-WMS 4,7 (12X5,5) YE	0828573	6

Accessories

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating UCT-WMS...

TMP-UCT-MAG3	0803344	1
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Clip-on UniCard wire marking



Can be marked using:



Direct laser marking



UV LED technology



Thermal transfer

PRINTED
FOR YOU



Markers for conductor diameters
from 1.1 to 7.5 mm

- The UCT-WMCO ... UniCard marking range includes clip-on markers for the subsequent marking of conductors
- Secure tight fit even in the event of vibrations
- The markers, which are supplied in uniform sheets, can be marked quickly, easily, and precisely with marking systems
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- Large-surface marking in a space-saving design
- The sheets provide space for including function texts
- The UCT sheets can also be used with the corresponding THERMOMARK CARD-UCT-MAG25 and 28 magazines in THERMOMARK CARD ...
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements

General data

Can be marked with

Material	
Flammability rating in accordance with UL 94	
Temperature range	[°C]
Wipe resistance	
Components	

Technical data

TOPMARK NEO • TOPMARK LASER • BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • THERMOMARK PRIME • THERMOMARK CARD 2.0
PC
V0
-40 ... 120
DIN EN 61010-1 (VDE 0411-1)
Free from silicone, halogen, and cadmium

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
UniCard , conductor diameter 1.1 - 1.9 mm 24-section, lettering field size: 23 x 4 mm	white	UCT-WMCO 1,9 (23X4)	0832100	9
UniCard , conductor diameter 2 - 2.9 mm 32-section, lettering field size: 12 x 4 mm	white	UCT-WMCO 2,9 (12X4)	0830780	9
	yellow	UCT-WMCO 2,9 (12X4) YE	0831204	9
32-section, lettering field size: 18 x 4 mm	white	UCT-WMCO 2,9 (18X4)	0830781	9
	yellow	UCT-WMCO 2,9 (18X4) YE	0831205	9
24-section, lettering field size: 23 x 4 mm	white	UCT-WMCO 2,9 (23X4)	0832101	9
UniCard , conductor diameter 2.9 - 3.5 mm 32-section, lettering field size: 12 x 4 mm	white	UCT-WMCO 3,5 (12X4)	0830782	7
	yellow	UCT-WMCO 3,5 (12X4) YE	0831206	7
32-section, lettering field size: 18 x 4 mm	white	UCT-WMCO 3,5 (18X4)	0830783	7
	yellow	UCT-WMCO 3,5 (18X4) YE	0831207	7
24-section, lettering field size: 23 x 4 mm	white	UCT-WMCO 3,5 (23X4)	0832102	7
UniCard , conductor diameter 3.5 - 4.1 mm 32-section, lettering field size: 12 x 4 mm	white	UCT-WMCO 4,1 (12X4)	0830784	6
	yellow	UCT-WMCO 4,1 (12X4) YE	0831208	6
32-section, lettering field size: 18 x 4 mm	white	UCT-WMCO 4,1 (18X4)	0830785	6
	yellow	UCT-WMCO 4,1 (18X4) YE	0831209	6
24-section, lettering field size: 23 x 4 mm	white	UCT-WMCO 4,1 (23X4)	0832103	7
UniCard , conductor diameter 4.1 - 4.7 mm 32-section, lettering field size: 12 x 4 mm	white	UCT-WMCO 4,7 (12X4)	0830786	6
	yellow	UCT-WMCO 4,7 (12X4) YE	0831210	6
32-section, lettering field size: 18 x 4 mm	white	UCT-WMCO 4,7 (18X4)	0830787	6
	yellow	UCT-WMCO 4,7 (18X4) YE	0831211	6
24-section, lettering field size: 23 x 4 mm	white	UCT-WMCO 4,7 (23X4)	0832104	6
UniCard , conductor diameter 4.7 - 5.4 mm 18-section, lettering field size: 23 x 8 mm	white	UCT-WMCO 5,4 (23X8)	0832105	5
UniCard , conductor diameter 5.4 - 6.1 mm 18-section, lettering field size: 23 x 8 mm	white	UCT-WMCO 6,1 (23X8)	0832106	5
UniCard , conductor diameter 6.1 - 6.8 mm 18-section, lettering field size: 23 x 8 mm	white	UCT-WMCO 6,8 (23X8)	0832107	4
UniCard , conductor diameter 6.8 - 7.5 mm 18-section, lettering field size: 23 x 8 mm	white	UCT-WMCO 7,5 (23X8)	0832108	4

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating: UCT-WMCO ... (12x4)

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating: UCT-WMCO ... (18x4)

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating: UCT-WMCO ... (23xX)

Accessories

TMP-UCT-MAG25	0803369	1
TMP-UCT-MAG28	0803372	1
TMP-UCT-MAG29	0803373	1



Wire and cable marking

UniCard cable marking for assembly with cable ties

Can be marked using:



Direct laser marking



UV LED technology



Thermal transfer

PRINTED
FOR YOU



Markers for cable diameters > 5 mm

- The UCT-WMTBA ... UniCard marking range provides markers for fastening with standard cable ties
- The markers, which are supplied in uniform sheets, can be marked quickly, easily, and precisely with marking systems
- The magazine geometry automatically ensures printing with a high degree of positioning accuracy
- For large-surface marking of conductors and cables > 5 mm in diameter
- The sheets provide space for including function texts
- Thanks to their angular shape the markers fit perfectly onto cables
- The UCT sheets can also be used with the THERMOMARK CARD-UCT-MAG27 magazine in THERMOMARK CARD ...
- Marking service: Phoenix Contact can custom-mark many UniCard markers according to your requirements

Notes:

For cable ties up to 5 mm wide.

For matching cable ties, see page 614 onwards or the product area on our website at phoenixcontact.net/products.

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Components

Technical data

TOPMARK NEO • TOPMARK LASER • BLUEMARK ID COLOR • BLUEMARK ID • BLUEMARK CLED • THERMOMARK PRIME • THERMOMARK CARD 2.0

PC

V0

-40 ... 120

Free from silicone, halogen, and cadmium

Ordering data

Description	Color
UniCard , for assembly with cable ties, for conductor diameters > 5 mm, 15-section, 5 individual labels per strip	
Lettering field size: 24 x 4 mm	white yellow
UniCard , for assembly with cable ties, for conductor diameters > 6 mm, 12-section, 4 individual labels per strip	
Lettering field size: 29 x 6 mm	white yellow
UniCard , for assembly with cable ties, for conductor diameters > 6 mm, 3-section, 1 individual label per strip	
Lettering field size: 40 x 17 mm	white yellow

Type	Order No.	Pcs./Pkt.
UCT-WMTBA (24X4)	1014082	10
UCT-WMTBA (24X4) YE	1014083	10
UCT-WMTBA (29X6)	1014084	10
UCT-WMTBA (29X6) YE	1014085	10
UCT-WMTBA (40X17)	1014086	10
UCT-WMTBA (40X17) YE	1014087	10

Accessories

Magazine for THERMOMARK CARD and THERMOMARK PRIME
for accommodating UCT-WMTBA (25x6), UCT-WMTBA (29x8),
UCT-WMTBA (40x17)

TMP-UCT-MAG27	0803371	1
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Marking and labeling – MARKING system

Wire and cable marking

UniSheet wire marking for marking collars



- The US-WMT ... UniSheet marking range includes markers for wire marking with marking collars from the PATG/PATO ... system
- The marking systems mark the markers, which are supplied in uniform sheets, quickly, easily, and cost-effectively
- Marked insert strips are simply inserted into the collars. This protects the marking against contamination
- The perforated marking strips are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- The UniSheets can also be used with the THERMOMARK CARD-US-MAG1 magazine in THERMOMARK CARD ...
- Marking service: Phoenix Contact can custom-mark many UniSheet markers according to your requirements

Notes:

For PATG/PATO... system marking collars, see page 248.

Can be marked using:



UV LED technology



Thermal transfer



Markers with lettering field size
10 x 4 mm to 15 x 4 mm

General data

Can be marked with

Number of individual labels
Number of individual labels per strip
Material
Flammability rating in accordance with UL 94
Temperature range
Wipe resistance
Components

[°C]

BLUEMARK ID COLOR • BLUEMARK ID • THERMOMARK PRIME
• THERMOMARK CARD 2.0 • THERMOMARK CARD
112
14
PVC
V0
-30 ... 80
DIN EN 61010-1 (VDE 0411-1)
Silicone-free

Ordering data

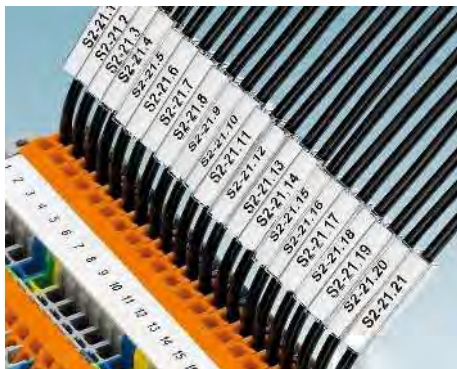
Description	Color	Type	Order No.	Pcs./Pkt.
UniSheet , with insert strips for PATG and PATO marking collars, 112-section, lettering field size: 10 x 4 mm				
	white	US-WMT (10X4)	0828765	10
	red	US-WMT (10X4) RD	0829273	10
	yellow	US-WMT (10X4) YE	0828952	10
	blue	US-WMT (10X4) BU	0829277	10
UniSheet , with insert strips for PATG and PATO marking collars, 96-section, lettering field size: 12 x 4 mm				
	white	US-WMT (12X4)	0828766	10
	red	US-WMT (12X4) RD	0829280	10
	yellow	US-WMT (12X4) YE	0828953	10
	blue	US-WMT (12X4) BU	0829284	10
UniSheet , with insert strips for PATG and PATO marking collars, 84-section, lettering field size: 15 x 4 mm				
	white	US-WMT (15X4)	0828767	10
	red	US-WMT (15X4) RD	0829287	10
	yellow	US-WMT (15X4) YE	0828954	10
	blue	US-WMT (15X4) BU	0829291	10

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating all US materials
Adapter plate for BLUEMARK ID, for accommodating US materials

Accessories

TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1



UniSheet wire marking for marking collars



Markers with lettering field size
18 x 4 to 30 x 4 mm

General data

Can be marked with

Number of individual labels per strip

Material

Flammability rating in accordance with UL 94

Temperature range

[°C]

Wipe resistance

Components

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • THERMOMARK PRIME
• THERMOMARK CARD 2.0 • THERMOMARK CARD

14

PVC

V0

-30 ... 80

DIN EN 61010-1 (VDE 0411-1)

Silicone-free

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
UniSheet , with insert strips for PATG and PATO marking collars, 70-section, lettering field size: 18 x 4 mm	white	US-WMT (18X4)	0828768	10
	red	US-WMT (18X4) RD	0829294	10
	yellow	US-WMT (18X4) YE	0828955	10
	blue	US-WMT (18X4) BU	0829298	10
UniSheet , with insert strips for PATG and PATO marking collars, 56-section, lettering field size: 23 x 4 mm	white	US-WMT (23X4)	0828769	10
	red	US-WMT (23X4) RD	0829301	10
	yellow	US-WMT (23X4) YE	0828956	10
	blue	US-WMT (23X4) BU	0829305	10
UniSheet , with insert strips for PATG and PATO marking collars, 42-section, lettering field size: 30 x 4 mm	white	US-WMT (30X4)	0828770	10
	red	US-WMT (30X4) RD	0829308	10
	yellow	US-WMT (30X4) YE	0828957	10
	blue	US-WMT (30X4) BU	0829312	10

Accessories

Magazine for THERMOMARK CARD and THERMOMARK PRIME for accommodating all US materials	TMP-US-MAG1	0803341	1
Adapter plate for BLUEMARK ID, for accommodating US materials	BM ID-ADAPTER PLATE-US	1044355	1

Wire and cable marking

UniSheet wire marking for assembly with cable ties

Can be marked using:



UV LED technology



Thermal transfer



Markers for conductor diameters > 13 mm

- The US-WMTB ... UniSheet marking range provides markers for fastening with standard cable ties
- The marking systems mark the markers, which are supplied in uniform sheets, quickly, easily, and cost-effectively
- The perforated marking strips are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- The UniSheets can also be used with the THERMOMARK CARD-US-MAG1 magazine in THERMOMARK CARD ...
- Marking service: Phoenix Contact can custom-mark many UniSheet markers according to your requirements

Notes:

For corresponding cable ties, see from page 614.

General data

Can be marked with

Material

Flammability rating in accordance with UL 94

Temperature range

Wipe resistance

Components

[°C]

Technical data

BLUEMARK ID COLOR • BLUEMARK ID • THERMOMARK PRIME
• THERMOMARK CARD 2.0 • THERMOMARK CARD

PVC

V0

-30 ... 80

DIN EN 61010-1 (VDE 0411-1)

Silicone-free

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
UniSheet , markers for fastening with cable ties, for conductor diameter ≥ 13 mm 35-section, lettering field size: 24 x 5 mm	white	US-WMTB (24X5)	0828771	10
	red	US-WMTB (24X5) RD	0829320	10
	yellow	US-WMTB (24X5) YE	0828958	10
	blue	US-WMTB (24X5) BU	0829324	10
24-section, lettering field size: 29 x 8 mm, for conductor diameter ≥ 13 mm	white	US-WMTB (29X8)	0828772	10
	red	US-WMTB (29X8) RD	0829327	10
	yellow	US-WMTB (29X8) YE	0828959	10
	blue	US-WMTB (29X8) BU	0829331	10
12-section, lettering field size: 44 x 15 mm, for conductor diameter ≥ 13 mm	white	US-WMTB (44X15)	0828773	10
	red	US-WMTB (44X15) RD	0829334	10
	yellow	US-WMTB (44X15) YE	0828960	10
	blue	US-WMTB (44X15) BU	0829338	10

Accessories

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating all US materials

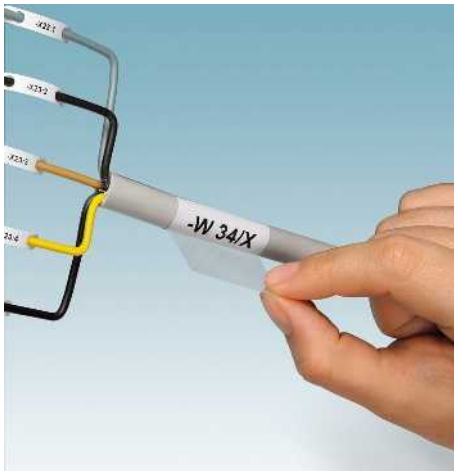
Adapter plate for BLUEMARK ID, for accommodating
US materials

	Order No.	Pcs./Pkt.
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1



Self-adhesive wire marking with transparent protective film

Can be marked using:



UV LED technology



Thermal transfer

PRINTED
FOR YOU



Markers for conductor diameters of up to 36 mm

- The US-WML ... cable marker labels consist of a marking field and a transparent protective film
- The protective film is wrapped over the marking. This means the film protects against contamination and abrasion
- The cable marker labels do not increase the cross section of the cable, allowing the cable to be subsequently drawn through cable ducts, for example
- The marking systems mark the markers, which are supplied in uniform sheets, quickly, easily, and cost-effectively
- Quick and easy handling
- Resistant to solvents
- The UniSheets can also be used with the THERMOMARK CARD-US-MAG1 magazine in THERMOMARK CARD ...
- Marking service: Phoenix Contact can custom-mark many UniSheet markers according to your requirements

General data

Can be marked with

Material

Temperature range

Wipe resistance

Components

[°C]

BLUEMARK ID COLOR • BLUEMARK ID • THERMOMARK PRIME
• THERMOMARK CARD 2.0 • THERMOMARK CARD
PVC
-50 ... 110
DIN EN 61010-1 (VDE 0411-1)
Silicone-free

Technical data

Ordering data

Description	Color
Cable marker labels	
32-section, lettering field size: 13 x 13 mm, conductor diameter < 6.0 mm	white
8-section, lettering field size: 19 x 25 mm, conductor diameter < 14.0 mm	white
4-section, lettering field size: 25 x 25 mm, conductor diameter < 36.0 mm	white

Type	Order No.	Pcs./Pkt.
US-WML 6 (13X13)	0800472	10
US-WML 14 (25X19)	0800473	10
US-WML 36 (25X25)	0800474	10

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating all US materials

Adapter plate for BLUEMARK ID, for accommodating US materials

Accessories

	Order No.	Pcs./Pkt.
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1



Marking and labeling – MARKING system

Wire and cable marking

Self-adhesive wire marking with transparent protective film

Can be marked using:



Office laser printing



Markers for conductor diameters
of up to 36 mm



- WML ... cable marker labels consist of a marking field and a transparent protective film
- The protective film is wrapped over the marking. This means the film protects against contamination and abrasion
- The cable marker labels do not increase the cross section of the cable, allowing the cable to be subsequently drawn through cable ducts, for example
- Quick and easy handling
- Resistant to solvents
- Marking service: Phoenix Contact can custom-mark many sheet markers according to your requirements
- **Designation example:**
WML 3 (13x10)A4
Conductor diameter: up to 3 mm Ø
Lettering field width: 13 mm
Lettering field height: 10 mm
Type of packaging: sheet

General data

Can be marked with
Material
Temperature range
Wipe resistance
Components

[°C]

Technical data

Office printing systems
Polyester
-40 ... 150
DIN EN 61010-1 (VDE 0411-1)
Free from halogen and cadmium

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Cable marker labels , sheet format: A4, self-adhesive				
1 sheet = 156 labels, up to 3.0 mm Ø	white	WML 3 (13X10)A4	0830687	10
1 sheet = 156 labels, up to 3.0 mm Ø	yellow	WML 3 (13X10)A4 YE	0830688	10
1 sheet = 77 labels, up to 5.0 mm Ø	white	WML 5 (25X10)A4	0830689	10
1 sheet = 77 labels, up to 5.0 mm Ø	yellow	WML 5 (25X10)A4 YE	0830690	10
1 sheet = 56 labels, up to 7.5 mm Ø	white	WML 7,5 (25X13)A4	0830691	10
1 sheet = 56 labels, up to 7.5 mm Ø	yellow	WML 7,5 (25X13)A4 YE	0830692	10
1 sheet = 28 labels, up to 14 mm Ø	white	WML 14 (25X19)A4	0830693	10
1 sheet = 28 labels, up to 14 mm Ø	yellow	WML 14 (25X19)A4 YE	0830694	10
1 sheet = 10 labels, up to 22 mm Ø	white	WML 22 (35X25)A4	0830695	10
1 sheet = 10 labels, up to 22 mm Ø	yellow	WML 22 (35X25)A4 YE	0830696	10
1 sheet = 14 labels, up to 36 mm Ø	white	WML 36 (25X38)A4	0830697	10
1 sheet = 14 labels, up to 36 mm Ø	yellow	WML 36 (25X38)A4 YE	0830698	10

Notes:

Print image may vary depending on laser printer



Self-adhesive wire marking with transparent protective film



- The cable marker labels consist of a marking field and a transparent protective film
- The protective film is wrapped over the marking. This means the film protects against contamination and abrasion
- The cable marker labels do not increase the cross section of the cable, allowing the cable to be subsequently drawn through cable ducts, for example
- Quick and easy handling
- Resistant to solvents

Radio-frequency identification, RFID

- The WML-RFID/HF conductor markers are also equipped with an integrated high-frequency transponder. They are used for contact-free identification, data exchange, and localization with the aid of an RFID handheld device

Notes:

Due to the wide variety of cable and conductor types, the transponder function must always be checked by the end customer.

WML-RFID/HF conductor markers cannot be marked by the THERMOMARK S1.1 and THERMOMARK X1.1.

If you wish to process large rolls with the THERMOMARK ROLL..., use the THERMOMARK ROLL-ERH external media hub. See printers, page 40.



Can be marked using:



Thermal transfer for rolls

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Markers for conductor diameters of up to 46 mm



Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL PVC
-50 ... 110
DIN EN 61010-1 (VDE 0411-1)
Silicone-free

Ordering data

General data

Can be marked with

Material

Temperature range

Wipe resistance

Components

[°C]

Description

Color

Cable marker labels, can be marked with a thermal transfer printer

1 roll = 5000 labels, up to 3 mm Ø

white

1 roll = 3000 labels, up to 5 mm Ø

white

1 roll = 3000 labels, up to 5 mm Ø

yellow

1 roll = 7000 labels, up to 6 mm Ø

white

1 roll = 7000 labels, up to 6 mm Ø

yellow

1 roll = 4000 labels, up to 7.5 mm Ø

white

1 roll = 1500 labels, up to 7.5 mm Ø

white

1 roll = 2100 labels, up to 7.5 mm Ø

white

1 roll = 1000 labels, up to 12 mm Ø

white

1 roll = 1500 labels, up to 14 mm Ø

white

1 roll = 1500 labels, up to 14 mm Ø

yellow

1 roll = 1000 labels, up to 14 mm Ø

white

1 roll = 1000 labels, up to 14 mm Ø

yellow

1 roll = 2500 labels, up to 18 mm Ø

white

1 roll = 500 labels, up to 20 mm Ø

white

1 roll = 2500 labels, up to 18 mm Ø

white

1 roll = 500 labels, up to 36 mm Ø

white

1 roll = 250 labels, up to 46 mm Ø

white

Cable marker labels, on large roll

1 roll = 10,000 labels, up to 5 mm Ø

white

1 roll = 15,000 labels, up to 6 mm Ø

white

1 roll = 5000 labels, up to 14 mm Ø

white

1 roll = 3000 labels, up to 14 mm Ø

white

Cable marker labels, with integrated high-frequency transponder, can be marked with a thermal transfer printer

Reading performance: max. 0.02 m, depending on the environment

Frequency: 13.56 MHz,

Memory capacity: 1 kbps,

ISO 15693 and ISO 18000-3 mode 1

1 roll = 750 labels, min. 6 mm to 14 mm Ø

white

Type

Order No.

Pcs./Pkt.

WML 3 (13X10)R

0800073

1

WML 5 (25X10)R

0817523

1

WML 5 (25X10)R YE

0830673

1

WML 6 (13X13)R

0816252

1

WML 6 (13X13)R YE

0830674

1

WML 7,5 (13X13)R

0800074

1

WML 7,5 (17X9)R

0828444

1

WML 7,5 (25X13)R

0800075

1

WML 12 (25X19)R

0800076

1

WML 14 (25X19)R

0817536

1

WML 14 (25X19)R YE

0817549

1

WML 14 (38X19)R

0817552

1

WML 14 (38X19)R YE

0830675

1

WML 18 (12X12)R

0817507

1

WML 20 (31X25)R

0828457

1

WML 22 (25X25)R

0800078

1

WML 36 (25X38)R

0817510

1

WML 46 (25X38)R

0800067

1

WML 5 (25X10)RL

0830676

1

WML 6 (13X13)RL

0830677

1

WML 14 (25X19)RL

0830678

1

WML 14 (38X19)RL

0830679

1

WML-RFID/HF 14 (25X19)R

0803386

1

Marking and labeling – MARKING system

Wire and cable marking

**Self-adhesive wire marking
with transparent protective film,
halogen-free**



- The halogen-free cable marker labels consist of a marking field and a transparent protective film
- The protective film is wrapped over the marking. This means the film protects against contamination and abrasion
- The cable marker labels do not increase the cross section of the cable, allowing the cable to be subsequently drawn through cable ducts, for example
- The thermal transfer printer creates a high-quality print image
- Quick and easy handling
- Resistant to solvents
- **Designation example:**
WML HF 3 (13x10)R
HF: halogen-free material
Conductor diameter: up to 3 mm Ø
Lettering field width: 13 mm
Lettering field height: 10 mm
Type of packaging: roll

Can be marked using:



Thermal transfer for rolls



Markers for conductor diameters
of up to 36 mm

General data

Can be marked with

Material
Temperature range
Wipe resistance
Components

[°C]

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL
Polyethylene
-40 ... 100
DIN EN 61010-1 (VDE 0411-1)
Free from silicone and halogen

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Cable marker labels, halogen-free				
1 roll = 5000 labels, up to 3 mm Ø	white	WML HF 3(13X10)R	0830812	1
1 roll = 5000 labels, up to 3 mm Ø	yellow	WML HF 3(13X10)R YE	0830813	1
1 roll = 3000 labels, up to 5 mm Ø	white	WML HF 5(25X10)R	0830814	1
1 roll = 3000 labels, up to 5 mm Ø	yellow	WML HF 5(25X10)R YE	0830815	1
1 roll = 2100 labels, up to 7.5 mm Ø	white	WML HF 7,5(25X13)R	0830816	1
1 roll = 2100 labels, up to 7.5 mm Ø	yellow	WML HF 7,5(25X13)R YE	0830817	1
1 roll = 1500 labels, up to 14 mm Ø	white	WML HF 14(25X19)R	0830818	1
1 roll = 1500 labels, up to 14 mm Ø	yellow	WML HF 14(25X19)R YE	0830819	1
1 roll = 2500 labels, up to 18 mm Ø	white	WML HF 22(25X25)R	0830820	1
1 roll = 2500 labels, up to 18 mm Ø	yellow	WML HF 22(25X25)R YE	0830821	1
1 roll = 500 labels, up to 36 mm Ø	white	WML HF 36(25X38)R	0830822	1
1 roll = 500 labels, up to 36 mm Ø	yellow	WML HF 36(25X38)R YE	0830823	1

Ink ribbon for roll printer, ink color: black, length: 300 m,
width: 110 mm

Ink ribbon for roll printer, ink color: black, length: 50 m,
width: 110 mm

Accessories

THERMOMARK-RIBBON 110	5145384	1
THERMOMARK-RIBBON 110/50	0800687	1



Self-adhesive wire marking as a flag, vertical



The WML-FLAGV ... wire marking flags support large-surface marking of conductors with a diameter of up to 6 mm perpendicular to the conductor direction. They are characterized by the following:

- Can be printed on both sides
- The thermal transfer printer creates a high-quality print image
- Quick and easy handling
- Resistant to solvents

Notes:

Corresponding ink ribbons can be found in our online shop at phoenixcontact.net/products.

General data

Can be marked with

Material
Temperature range [°C]
Wipe resistance
Components

Description	Color
Cable marking flags , can be marked with thermal transfer printer	
1 roll = 2500 labels, up to 6 mm Ø, lettering field size: 20 x 10 mm,	white
1 roll = 2500 labels, up to 6 mm Ø, lettering field size: 30 x 10 mm,	white

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Markers for conductor diameters of up to 6 mm

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyolefine
-40 ... 60
DIN EN 61010-1 (VDE 0411-1)
Free from silicone and halogen

Ordering data

Type	Order No.	Pcs./Pkt.
WML-FLAG 6 (20X10)R	0830711	1
WML-FLAG 6 (30X10)R	0830712	1

Self-adhesive wire marking as a flag, horizontal



The WML-FLAG ... wire marking flags support large-surface marking of conductors with a diameter of up to 6 mm parallel to the conductor direction. They are characterized by the following:

- Can be printed on both sides
- The thermal transfer printer creates a high-quality print image
- Quick and easy handling
- Resistant to solvents

Notes:

Corresponding ink ribbons can be found in our online shop at phoenixcontact.net/products.

General data

Can be marked with

Material
Temperature range [°C]
Wipe resistance
Components

Description	Color
Cable marking flags	
1 roll = 2500 labels, up to 6 mm Ø, lettering field size: 20 x 10 mm,	white
1 roll = 2500 labels, up to 6 mm Ø, lettering field size: 30 x 10 mm,	white

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FOR YOU



Markers for conductor diameters of up to 6 mm

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyolefine
-40 ... 60
DIN EN 61010-1 (VDE 0411-1)
Free from silicone and halogen

Ordering data

Type	Order No.	Pcs./Pkt.
WML-FLAGV 6 (20X10)R	0830713	1
WML-FLAGV 6 (30X10)R	0830714	1

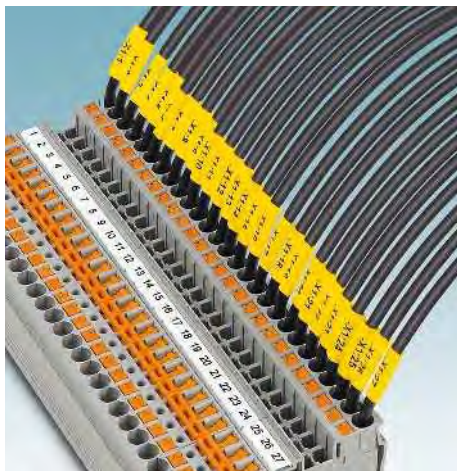
Marking and labeling – MARKING system

Wire and cable marking

Pre-assembled shrink sleeves, halogen-free



- WMS-2 HF ... shrink sleeves provide permanent and captive conductor and cable marking
- The material is available pre-assembled in a handy conductor format
- Up to four markings, separated from each other, are positioned on the carrier material on each row. Each is arranged separately
- Feed the conductor through the sleeve. If required, fix the conductor by shrinking the sleeve
- The shrink sleeves also provide electrical insulation. They also provide mechanical protection
- The shrink ratio is 2:1
- The shrink sleeves can be printed on one side
- The WMS-2 HF ... product range satisfies the stringent requirements of DIN EN 45545-2 (R22/R23/R24:HL3), making it ideal for use in the railway industry



Can be marked using:



Thermal transfer for rolls



Conductor diameter from 1.2 to 50.8 mm, various colors

General data

Can be marked with

Material
Temperature range
Wipe resistance
Components
Shrink ratio

[°C]

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyolefine
-30 ... 105
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
2:1

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Shrink sleeve, for conductor diameter of 1.2 - 2.4 mm				
1 roll = 4000 markers, each 15 mm long	white	WMS-2 HF 2,4 (15X4)RL	0801000	1
1 roll = 2000 markers, each 30 mm long	yellow	WMS-2 HF 2,4 (15X4)RL YE	0801004	1
	white	WMS-2 HF 2,4 (30X4)RL	0801006	1
1 roll = 1000 markers, each 60 mm long	yellow	WMS-2 HF 2,4 (30X4)RL YE	0801007	1
	white	WMS-2 HF 2,4 (60X4)RL	0801008	1
	yellow	WMS-2 HF 2,4 (60X4)RL YE	0801009	1
Shrink sleeve, for conductor diameter of 1.5 - 3.2 mm				
1 roll = 4000 markers, each 15 mm long	white	WMS-2 HF 3,2 (15X5)RL	0801001	1
1 roll = 2000 markers, each 30 mm long	yellow	WMS-2 HF 3,2 (15X5)RL YE	0801010	1
	white	WMS-2 HF 3,2 (30X5)RL	0801011	1
1 roll = 1000 markers, each 60 mm long	yellow	WMS-2 HF 3,2 (30X5)RL YE	0801012	1
	white	WMS-2 HF 3,2 (60X5)RL	0801002	1
1 roll = 2500 markers, each 60 mm long	yellow	WMS-2 HF 3,2 (60X5)RL YE	0801013	1
	white	WMS-2 HF 3,2 (60X5)RXL	0810100	1
Shrink sleeve, for conductor diameter of 2.4 - 4.8 mm				
1 roll = 4000 markers, each 15 mm long	white	WMS-2 HF 4,8 (15X9)RL	0801014	1
1 roll = 2000 markers, each 30 mm long	yellow	WMS-2 HF 4,8 (15X9)RL YE	0801015	1
	white	WMS-2 HF 4,8 (30X9)RL	0801016	1
1 roll = 1000 markers, each 60 mm long	yellow	WMS-2 HF 4,8 (30X9)RL YE	0801017	1
	white	WMS-2 HF 4,8 (60X9)RL	0801019	1
1 roll = 2500 markers, each 60 mm long	yellow	WMS-2 HF 4,8 (60X9)RL YE	0801020	1
	white	WMS-2 HF 4,8 (60X9)RXL	0810101	1

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Accessories

THERMOMARK-RIBBON 110-WMSU	0801358	1
THERMOMARK-RIBBON 110-WMTB HF	5148007	1

Can be marked using:

Notes:

The 110-WMSU, 64-WMSU, 25-WMSU or 110-WMTB HF ink ribbon is required for marking WMS-2 HF shrink sleeves, see printers, page 40.

THERMOMARK ROLL...:

Use the THERMOMARK ROLL-ERH external media hub for R and RL rolls, see printers, page 40.

Use the THERMOMARK ROLL-ERH external media hub for RXL rolls.



Thermal transfer for rolls

PRINTED
FOR YOU



Conductor diameter from 1.2 to 50.8 mm,
various colors

General data

Can be marked with

Material

Temperature range

[°C]

Wipe resistance

Components

Shrink ratio

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyolefine
-30 ... 105
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
2:1

Ordering data

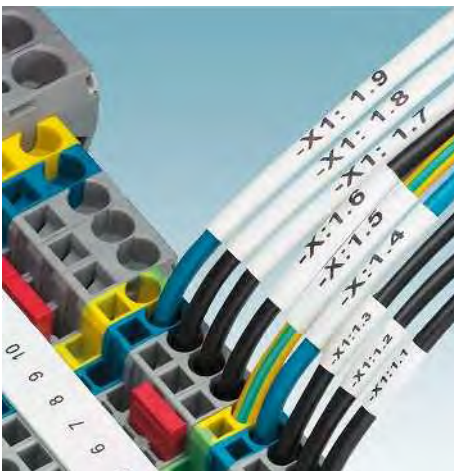
Description	Color	Type	Order No.	Pcs./Pkt.
Shrink sleeve , for conductor diameter of 3.2 - 6.4 mm				
1 roll = 2000 markers, each 30 mm long	white	WMS-2 HF 6,4 (30X10)RL	0801022	1
1 roll = 1000 markers, each 60 mm long	yellow	WMS-2 HF 6,4 (30X10)RL YE	0801023	1
	white	WMS-2 HF 6,4 (60X10)RL	0801024	1
	yellow	WMS-2 HF 6,4 (60X10)RL YE	0801025	1
Shrink sleeve , for conductor diameter of 4.8 - 9.5 mm				
1 roll = 4000 markers, each 15 mm long	white	WMS-2 HF 9,5 (15X16)RL	0801003	1
1 roll = 2000 markers, each 30 mm long	white	WMS-2 HF 9,5 (30X16)RL	0801026	1
1 roll = 1000 markers, each 60 mm long	yellow	WMS-2 HF 9,5 (30X16)RL YE	0801027	1
	white	WMS-2 HF 9,5 (60X16)RL	0801028	1
	yellow	WMS-2 HF 9,5 (60X16)RL YE	0801029	1
Shrink sleeve , for conductor diameter of 6.4 - 12.7 mm				
1 roll = 1000 markers, each 60 mm long	white	WMS-2 HF 12,7 (60X20)RL	0833200	1
	yellow	WMS-2 HF 12,7 (60X20)RL YE	0833201	1
Shrink sleeve , for conductor diameter of 9.5 - 19.1 mm				
1 roll = 1000 markers, each 60 mm long	white	WMS-2 HF 19,1 (60X30)RL	0833202	1
	yellow	WMS-2 HF 19,1 (60X30)RL YE	0833203	1
Shrink sleeve , for conductor diameter of 12.7 - 25.4 mm				
1 roll = 1000 markers, each 60 mm long	white	WMS-2 HF 25,4 (60X40)RL	0833204	1
	yellow	WMS-2 HF 25,4 (60X40)RL YE	0833205	1
Shrink sleeve , for conductor diameter of 19.1 - 38.1 mm				
1 roll = 1000 markers, each 60 mm long	white	WMS-2 HF 38,1 (60X60)RL	0833206	1
	yellow	WMS-2 HF 38,1 (60X60)RL YE	0833207	1

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Accessories

THERMOMARK-RIBBON 110-WMSU	0801358	1
THERMOMARK-RIBBON 110-WMTB HF	5148007	1



Marking and labeling – MARKING system

Wire and cable marking

Continuous shrink sleeves, halogen-free



- WMS-2 HF ... shrink sleeves provide permanent and captive conductor and cable marking
- The material is available in continuous format on a roll
- The material can be cut to custom length using the CUTTER unit
- The CUTTER/P perforation unit can be used to perforate the sleeve as required
- Feed the conductor through the sleeve. If required, fix the conductor by shrinking the sleeve
- The shrink sleeves also provide electrical insulation. They also provide mechanical protection
- The shrink ratio is 2:1
- The shrink sleeves can be printed on one side
- The WMS-2 HF ... product range satisfies the stringent requirements of DIN EN 45545-2 (R22/R23/R24:HL3), making it ideal for use in the railway industry

Can be marked using:



Thermal transfer for rolls



Conductor diameter from 1.2 to 50.8 mm,
various colors

General data

Can be marked with

Material	
Temperature range	[°C]
Wipe resistance	
Components	
Shrink ratio	

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL • THERMOMARK W2
Polyolefine
-30 ... 105
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
2:1

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Shrink sleeve, for conductor diameter of 1.6 - 3.2 mm				
1 roll = 30 m continuous	white	WMS-2 HF 3,2 (EX5)R	0803994	1
1 roll = 120 m continuous	white	WMS-2 HF 3,2 (EX5)RL	0803903	1
	yellow	WMS-2 HF 3,2 (EX5)RL YE	0833242	1
Shrink sleeve, for conductor diameter of 2.4 - 4.8 mm				
1 roll = 30 m continuous	white	WMS-2 HF 4,8 (EX9)R	0803995	1
	yellow	WMS-2 HF 4,8 (EX9)R YE	0804520	1
	blue	WMS-2 HF 4,8 (EX9)R BU	0819991	1
	red	WMS-2 HF 4,8 (EX9)R RD	0819992	1
	green	WMS-2 HF 4,8 (EX9)R GN	0804496	1
	orange	WMS-2 HF 4,8 (EX9)R OG	0804498	1
1 roll = 120 m continuous	white	WMS-2 HF 4,8 (EX9)RL	0803904	1
	yellow	WMS-2 HF 4,8 (EX9)RL YE	0833243	1
Shrink sleeve, for conductor diameter of 3.2 - 6.4 mm				
1 roll = 25 m continuous	blue	WMS-2 HF 6,4 (EX10)R BU	0819993	1
	red	WMS-2 HF 6,4 (EX10)R RD	0819994	1
1 roll = 100 m continuous	white	WMS-2 HF 6,4 (EX10)RL	0803905	1
	yellow	WMS-2 HF 6,4 (EX10)RL YE	0833244	1
1 roll = 20 m continuous	yellow	WMS-2 HF 9,5 (EX16)R YE	0804535	1
	white	WMS-2 HF 9,5 (EX16)R	0804524	1
	blue	WMS-2 HF 9,5 (EX16)R BU	0804525	1
	red	WMS-2 HF 9,5 (EX16)R RD	0804526	1
1 roll = 80 m continuous	yellow	WMS-2 HF 9,5 (EX16)RL YE	0833245	1

Accessories

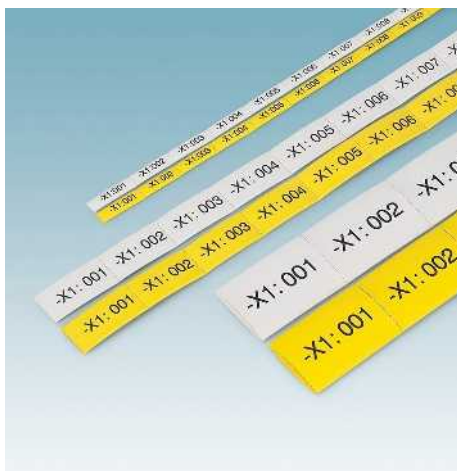
Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 64 mm

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 25 mm

THERMOMARK-RIBBON 110-WMSU	0801358	1
THERMOMARK-RIBBON 110-WMTB HF	5148007	1
THERMOMARK-RIBBON 64-WMSU	0801360	1
THERMOMARK-RIBBON 25-WMSU	0803390	1



Can be marked using:

Notes:

THERMOMARK ROLL...:
Use the THERMOMARK ROLL-ERH external media hub for R and RL rolls, see printers, page 40.

THERMOMARK ROLLMASTER 300 and ROLLMASTER 600, THERMOMARK ROLL X1, THERMOMARK W2:
R rolls can be directly inserted in the device. Use the THERMOMARK ROLL-ERH external media hub for RL rolls, see printers, page 40.



Thermal transfer for rolls

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Conductor diameter from 1.2 to 50.8 mm,
various colors

General data

Can be marked with

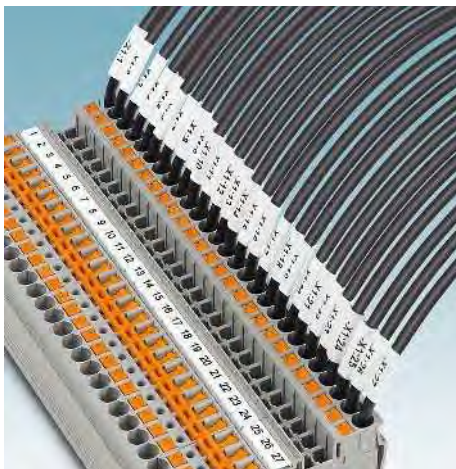
Material	
Temperature range	[°C]
Wipe resistance	
Components	
Shrink ratio	

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL • THERMOMARK W2
Polyolefine
-30 ... 105
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
2:1

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Shrink sleeve, for conductor diameter of 6.4 - 12.7 mm				
1 roll = 20 m continuous	yellow	WMS-2 HF 12,7 (EX20)R YE	0804521	1
1 roll = 80 m continuous	white	WMS-2 HF 12,7 (EX20)RL	0864100	1
	yellow	WMS-2 HF 12,7 (EX20)RL YE	0833246	1
	red	WMS-2 HF 12,7 (EX20)RL RD	0864101	1
	blue	WMS-2 HF 12,7 (EX20)RL BU	0864102	1
Shrink sleeve, for conductor diameter of 9.5 - 19.1 mm				
1 roll = 20 m continuous	yellow	WMS-2 HF 19,1 (EX30)R YE	0804537	1
1 roll = 80 m continuous	white	WMS-2 HF 19,1 (EX30)RL	0864103	1
	red	WMS-2 HF 19,1 (EX30)RL RD	0864104	1
	blue	WMS-2 HF 19,1 (EX30)RL BU	0864105	1
Shrink sleeve, for conductor diameter of 12.7 - 25.4 mm				
1 roll = 80 m continuous	white	WMS-2 HF 25,4 (EX40)RL	0864106	1
	red	WMS-2 HF 25,4 (EX40)RL RD	0864107	1
	blue	WMS-2 HF 25,4 (EX40)RL BU	0864108	1
Shrink sleeve, for conductor diameter of 19.1 - 38.1 mm				
1 roll = 20 m continuous	yellow	WMS-2 HF 38,1 (EX60)R YE	0804538	1
1 roll = 80 m continuous	blue	WMS-2 HF 38,1 (EX60)RL BU	0864111	1
1 roll = 80 m continuous	red	WMS-2 HF 38,1 (EX60)RL RD	0864110	1
1 roll = 80 m continuous	white	WMS-2 HF 38,1 (EX60)RL	0864109	1
Shrink sleeve, for conductor diameter of 25.4 - 50.8 mm				
1 roll = 15 m continuous	yellow	WMS-2 HF 50,8 (EX80)R YE	0804539	1



Ink ribbon for roll printer, ink color: white, length: 300 m, width: 110 mm

Ink ribbon for roll printer, ink color: white, length: 300 m, width: 64 mm

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 64 mm

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 25 mm

Accessories

THERMOMARK-RIBBON 110-WMSU WH	0801359	1
THERMOMARK-RIBBON 64-WMSU WH	0801361	1
THERMOMARK-RIBBON 64-WMSU	0801360	1
THERMOMARK-RIBBON 25-WMSU	0803390	1

Marking and labeling – MARKING system

Wire and cable marking

Pre-assembled shrink sleeves

Can be marked using:



Thermal transfer for rolls



Conductor diameter from 0.8 to 38 mm,
white and yellow

- WMS ... shrink sleeves provide permanent and captive conductor and cable marking
 - The sleeves are pre-assembled for optimum use of material.
 - Up to four markers per sleeve are separated by perforation
 - Thread the conductors to be marked through the sleeve. Then fix the sleeve to the conductor by shrinking it
 - The sleeves remain flexible after shrinking
 - The shrink sleeves provide the conductors with additional electrical insulation and mechanical protection
- The following standards are satisfied:
- UL 224 (125°C, 600 V, all tubing-1)
 - CSA.C22.2 No. 198.1 (125°C, 600 V, all tubing-1)
 - MIL-STD-202G, SAE AMS-DTL-23053, ASTM E162, E662, E1354

General data

Can be marked with

Material
Temperature range
Wipe resistance
Components
Shrink ratio

[°C]

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyolefine
-55 ... 135
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
3:1

Technical data

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Shrink sleeve, for conductor diameters 0.8 - 2.4 mm				
1 roll = 1000 markers, each 15 mm long	white	WMS 2,4 (15X4)R	0800379	1
	yellow	WMS 2,4 (15X4)R YE	0800412	1
1 roll = 500 markers, each 30 mm long	white	WMS 2,4 (30X4)R	0800373	1
	yellow	WMS 2,4 (30X4)R YE	0800407	1
1 roll = 250 markers, each 60 mm long	white	WMS 2,4 (60X4)R	0800363	1
	yellow	WMS 2,4 (60X4)R YE	0800398	1
Shrink sleeve, for conductor diameters 1.0 - 3.2 mm				
1 roll = 1000 markers, each 15 mm long	white	WMS 3,2 (15X5)R	0800380	1
	yellow	WMS 3,2 (15X5)R YE	0800413	1
1 roll = 500 markers, each 30 mm long	white	WMS 3,2 (30X5)R	0800374	1
	yellow	WMS 3,2 (30X5)R YE	0800408	1
1 roll = 250 markers, each 60 mm long	white	WMS 3,2 (60X5)R	0800364	1
	yellow	WMS 3,2 (60X5)R YE	0800399	1
Shrink sleeve, for conductor diameters 1.6 - 4.8 mm				
1 roll = 1000 markers, each 15 mm long	white	WMS 4,8 (15X9)R	0800382	1
	yellow	WMS 4,8 (15X9)R YE	0800414	1
1 roll = 500 markers, each 30 mm long	white	WMS 4,8 (30X9)R	0800375	1
	yellow	WMS 4,8 (30X9)R YE	0800409	1
1 roll = 250 markers, each 60 mm long	white	WMS 4,8 (60X9)R	0800366	1
	yellow	WMS 4,8 (60X9)R YE	0800400	1
Shrink sleeve, for conductor diameters 2.1 - 6.4 mm				
1 roll = 1000 markers, each 15 mm long	white	WMS 6,4 (15X10)R	0801593	1
1 roll = 500 markers, each 30 mm long	white	WMS 6,4 (30X10)R	0800376	1
	yellow	WMS 6,4 (30X10)R YE	0800410	1
1 roll = 250 markers, each 60 mm long	white	WMS 6,4 (60X10)R	0800367	1
	yellow	WMS 6,4 (60X10)R YE	0800401	1
Shrink sleeve, for conductor diameters 3.2 - 9.5 mm				
1 roll = 500 markers, each 30 mm long	white	WMS 9,5 (30X16)R	0800377	1
	yellow	WMS 9,5 (30X16)R YE	0800411	1
1 roll = 250 markers, each 60 mm long	white	WMS 9,5 (60X16)R	0800368	1
	yellow	WMS 9,5 (60X16)R YE	0800402	1
Shrink sleeve, for conductor diameters 4.2 - 12.7 mm				
1 roll = 500 markers, each 30 mm long	white	WMS 12,7 (30X20)R	0804266	1
1 roll = 250 markers, each 60 mm long	white	WMS 12,7 (60X20)R	0800369	1
	yellow	WMS 12,7 (60X20)R YE	0800403	1
Shrink sleeve, for conductor diameters 6.4 - 19.1 mm				
1 roll = 250 markers, each 60 mm long	white	WMS 19,1 (60X30)R	0800370	1
	yellow	WMS 19,1 (60X30)R YE	0800404	1
Shrink sleeve, for conductor diameters 8.5 - 25.4 mm				
1 roll = 250 markers, each 60 mm long	white	WMS 25,4 (60X40)R	0800371	1
	yellow	WMS 25,4 (60X40)R YE	0800405	1

Pre-assembled shrink sleeves

Notes:

The 110-WMSU, 64-WMSU, 25-WMSU or 64-WMSE ink ribbon is required for marking WMS ... shrink sleeves, see printers, page 40.

THERMOMARK ROLL...:

The R roll shrink sleeves are fed into the printer directly from the packaging.

THERMOMARK ROLLMASTER 300 and ROLLMASTER 600, and THERMOMARK ROLL X1:

The R roll shrink sleeves are fed into the printer directly from the packaging. R and RXL rolls can be directly inserted in the device.

PRINTED
FOR YOU



Conductor diameter from 0.8 to 19 mm,
white and yellow, on large roll

PRINTED
FOR YOU



Conductor diameter from 0.8 to 6.4 mm,
white and yellow, on extra large roll



Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyolefine
-55 ... 135
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
3:1

Ordering data

Type	Order No.	Pcs./Pkt.
Shrink sleeve, for conductor diameters 0.8 - 2.4 mm		
1 roll = 4000 markers, each 15 mm long	0800389	1
1 roll = 10,000 markers, each 15 mm long		
1 roll = 2000 markers, each 30 mm long	0800386	1
1 roll = 5000 markers, each 30 mm long		
1 roll = 1000 markers, each 60 mm long	0800383	1
1 roll = 2500 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 1.0 - 3.2 mm		
1 roll = 4000 markers, each 15 mm long	0800390	1
1 roll = 2000 markers, each 30 mm long	0800387	1
1 roll = 5000 markers, each 30 mm long		
1 roll = 1000 markers, each 60 mm long	0800384	1
1 roll = 2500 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 1.6 - 4.8 mm		
1 roll = 4000 markers, each 15 mm long	0800391	1
1 roll = 10,000 markers, each 15 mm long		
1 roll = 2000 markers, each 30 mm long	0800388	1
1 roll = 5000 markers, each 30 mm long		
1 roll = 5000 markers, each 30 mm long		
1 roll = 1000 markers, each 60 mm long	0800385	1
1 roll = 2500 markers, each 60 mm long		
1 roll = 2500 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 2.1 - 6.4 mm		
1 roll = 4000 markers, each 15 mm long	0801594	1
1 roll = 2500 markers, each 15 mm long		
1 roll = 2500 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 3.2 - 9.5 mm		
1 roll = 2000 markers, each 30 mm long	0804267	1
1 roll = 1000 markers, each 60 mm long	0803105	1
1 roll = 1000 markers, each 60 mm long	0803106	1
Shrink sleeve, for conductor diameters 4.2 - 12.7 mm		
1 roll = 1000 markers, each 60 mm long	0803107	1
Shrink sleeve, for conductor diameters 6.4 - 19.1 mm		
1 roll = 1000 markers, each 60 mm long	0803108	1

Accessories

THERMOMARK-RIBBON 110-WMSU	0801358	1
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Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyolefine
-55 ... 135
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
3:1

Ordering data

Type	Order No.	Pcs./Pkt.
Shrink sleeve, for conductor diameters 0.8 - 2.4 mm		
1 roll = 4000 markers, each 15 mm long	0800396	1
1 roll = 10,000 markers, each 15 mm long		
1 roll = 2000 markers, each 30 mm long	0800394	1
1 roll = 5000 markers, each 30 mm long		
1 roll = 1000 markers, each 60 mm long	0800392	1
1 roll = 2500 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 1.0 - 3.2 mm		
1 roll = 4000 markers, each 15 mm long	0804268	1
1 roll = 2000 markers, each 30 mm long	1019184	1
1 roll = 5000 markers, each 30 mm long		
1 roll = 1000 markers, each 60 mm long	0803102	1
1 roll = 2500 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 1.6 - 4.8 mm		
1 roll = 4000 markers, each 15 mm long	0800397	1
1 roll = 10,000 markers, each 15 mm long		
1 roll = 2000 markers, each 30 mm long	0800395	1
1 roll = 5000 markers, each 30 mm long	0803313	1
1 roll = 5000 markers, each 30 mm long		
1 roll = 1000 markers, each 60 mm long	0800393	1
1 roll = 2500 markers, each 60 mm long	0803103	1
1 roll = 2500 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 2.1 - 6.4 mm		
1 roll = 4000 markers, each 15 mm long	0801595	1
1 roll = 2500 markers, each 15 mm long	1067778	1
1 roll = 2500 markers, each 60 mm long	0803104	1
Shrink sleeve, for conductor diameters 3.2 - 9.5 mm		
1 roll = 2000 markers, each 30 mm long		
1 roll = 1000 markers, each 60 mm long		
1 roll = 1000 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 4.2 - 12.7 mm		
1 roll = 1000 markers, each 60 mm long		
Shrink sleeve, for conductor diameters 6.4 - 19.1 mm		
1 roll = 1000 markers, each 60 mm long		

Accessories

THERMOMARK-RIBBON 110-WMSU	0801358	1
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General data

Can be marked with

Material

Temperature range

Wipe resistance

Components

Shrink ratio

[°C]

Description	Color
Shrink sleeve, for conductor diameters 0.8 - 2.4 mm	
1 roll = 4000 markers, each 15 mm long	white
1 roll = 10,000 markers, each 15 mm long	white
1 roll = 2000 markers, each 30 mm long	white
1 roll = 5000 markers, each 30 mm long	white
1 roll = 1000 markers, each 60 mm long	white
1 roll = 2500 markers, each 60 mm long	white
Shrink sleeve, for conductor diameters 1.0 - 3.2 mm	
1 roll = 4000 markers, each 15 mm long	white
1 roll = 2000 markers, each 30 mm long	white
1 roll = 5000 markers, each 30 mm long	white
1 roll = 1000 markers, each 60 mm long	yellow
1 roll = 2500 markers, each 60 mm long	white
1 roll = 2500 markers, each 60 mm long	yellow
Shrink sleeve, for conductor diameters 1.6 - 4.8 mm	
1 roll = 4000 markers, each 15 mm long	white
1 roll = 10,000 markers, each 15 mm long	white
1 roll = 2000 markers, each 30 mm long	white
1 roll = 5000 markers, each 30 mm long	white
1 roll = 5000 markers, each 30 mm long	yellow
1 roll = 1000 markers, each 60 mm long	white
1 roll = 2500 markers, each 60 mm long	white
1 roll = 2500 markers, each 60 mm long	yellow
Shrink sleeve, for conductor diameters 2.1 - 6.4 mm	
1 roll = 4000 markers, each 15 mm long	white
1 roll = 2500 markers, each 15 mm long	white
1 roll = 2500 markers, each 60 mm long	white
1 roll = 2500 markers, each 60 mm long	yellow
Shrink sleeve, for conductor diameters 3.2 - 9.5 mm	
1 roll = 2000 markers, each 30 mm long	white
1 roll = 1000 markers, each 60 mm long	white
1 roll = 1000 markers, each 60 mm long	yellow
Shrink sleeve, for conductor diameters 4.2 - 12.7 mm	
1 roll = 1000 markers, each 60 mm long	yellow
Shrink sleeve, for conductor diameters 6.4 - 19.1 mm	
1 roll = 1000 markers, each 60 mm long	yellow

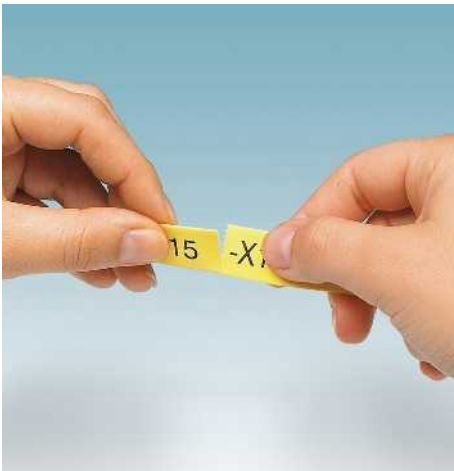
Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Marking and labeling – MARKING system

Wire and cable marking

Continuous shrink sleeves

Can be marked using:



Thermal transfer for rolls



Conductor diameter from 0.8 to 50.8 mm,
white



- Equip your printer with the CUTTER/P perforation unit, to automatically perforate shrink sleeves to the desired length
- Thanks to the CUTTER cutting unit, the shrink sleeves in continuous format can be individually cut
- The THERMOMARK W2 continuously prints shrink sleeves in rolls on both sides
- Individual markers are cut to any length
- The following standards are satisfied:
 - UL 224 (125°C, 600 V, all tubing-1)
 - CSA.C22.2 No. 198.1 (125°C, 600 V, all tubing-1)
 - MIL-STD-202G, SAE AMS-DTL-23053, ASTM E162, E662, E1354

Notes:

For marking WMS ... shrink sleeves, the ink ribbon 110-WMSU, 64-WMSU, 25-WMSU, 64-WMSE, 110-WMSU WH or 64-WMSU WH is required, see printers, page 40.

THERMOMARK ROLL...:
Use the THERMOMARK ROLL-ERH external media hub for R and RL rolls, see printers, page 40.

THERMOMARK ROLLMASTER 300 and ROLLMASTER 600, THERMOMARK ROLL X1, THERMOMARK W2:
R rolls can be directly inserted in the device. Use the THERMOMARK ROLL-ERH external media hub for RL rolls, see printers, page 40.

General data

Can be marked with

Material
Temperature range
Wipe resistance
Components
Shrink ratio

[°C]

Description

Shrink sleeve

1 roll = 30 m, conductor diameter: 0.8 - 2.4 mm

1 roll = 30 m, conductor diameter: 1.0 - 3.2 mm

1 roll = 30 m, conductor diameter: 1.6 - 4.8 mm

1 roll = 25 m, conductor diameter: 2.1 - 6.4 mm

1 roll = 20 m, conductor diameter: 3.2 - 9.5 mm

1 roll = 20 m, conductor diameter: 4.2 - 12.7 mm

1 roll = 20 m, conductor diameter: 6.4 - 19.1 mm

1 roll = 15 m, conductor diameter: 8.5 - 25.4 mm

1 roll = 15 m, conductor diameter: 12.7 - 38.1 mm

1 roll = 15 m, conductor diameter: 16.9 - 50.8 mm

Shrink sleeve, large roll

1 roll = 120 m, conductor diameter: 0.8 - 2.4 mm

1 roll = 120 m, conductor diameter: 1.0 - 3.2 mm

1 roll = 120 m, conductor diameter: 1.6 - 4.8 mm

1 roll = 100 m, conductor diameter: 2.1 - 6.4 mm

1 roll = 80 m, conductor diameter: 3.2 - 9.5 mm

1 roll = 80 m, conductor diameter: 4.2 - 12.7 mm

1 roll = 80 m, conductor diameter: 6.4 - 19.1 mm

1 roll = 60 m, conductor diameter: 8.5 - 25.4 mm

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Ink ribbon for roll printer, ink color: white, length: 300 m, width: 110 mm

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL • THERMOMARK W2

Polyolefine

-55 ... 135

DIN EN 61010-1 (VDE 0411-1)

Halogen-free

3:1

Ordering data

Type	Order No.	Pcs./Pkt.
WMS 2,4 (EX4)R	0800289	1
WMS 3,2 (EX5)R	0800290	1
WMS 4,8 (EX9)R	0800291	1
WMS 6,4 (EX10)R	0800292	1
WMS 9,5 (EX16)R	0800293	1
WMS 12,7 (EX20)R	0800294	1
WMS 19,1 (EX30)R	0800295	1
WMS 25,4 (EX40)R	0800296	1
WMS 38,1 (EX60)R	0800298	1
WMS 50,8 (EX80)R	0800299	1
WMS 2,4 (EX4)RL	0800319	1
WMS 3,2 (EX5)RL	0800320	1
WMS 4,8 (EX9)RL	0800321	1
WMS 6,4 (EX10)RL	0800322	1
WMS 9,5 (EX16)RL	0800324	1
WMS 12,7 (EX20)RL	0800325	1
WMS 19,1 (EX30)RL	0800326	1
WMS 25,4 (EX40)RL	0800327	1

Accessories

THERMOMARK-RIBBON 110-WMSU	0801358	1
THERMOMARK-RIBBON 64-WMSU	0801360	1
THERMOMARK-RIBBON 64-WMSE	5145724	1
THERMOMARK-RIBBON 25-WMSU	0803390	1

PRINTED
FOR YOU



Conductor diameter from 0.8 to 50.8 mm,
yellow

PRINTED
FOR YOU



Conductor diameter from 0.8 to 50.8 mm,
black



Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL • THERMOMARK W2
Polyolefine
-55 ... 135
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
3:1

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL • THERMOMARK W2
Polyolefine
-55 ... 135
DIN EN 61010-1 (VDE 0411-1)
Halogen-free
3:1

Ordering data

Type	Order No.	Pcs./Pkt.
WMS 2,4 (EX4)R YE	0800300	1
WMS 3,2 (EX5)R YE	0800301	1
WMS 4,8 (EX9)R YE	0800302	1
WMS 6,4 (EX10)R YE	0800303	1
WMS 9,5 (EX16)R YE	0800304	1
WMS 12,7 (EX20)R YE	0800305	1
WMS 19,1 (EX30)R YE	0800306	1
WMS 25,4 (EX40)R YE	0800308	1
WMS 38,1 (EX60)R YE	0800309	1
WMS 50,8 (EX80)R YE	0800311	1
WMS 2,4 (EX4)RL YE	0800328	1
WMS 3,2 (EX5)RL YE	0800329	1
WMS 4,8 (EX9)RL YE	0800330	1
WMS 6,4 (EX10)RL YE	0800331	1
WMS 9,5 (EX16)RL YE	0800332	1
WMS 12,7 (EX20)RL YE	0800333	1
WMS 19,1 (EX30)RL YE	0800334	1
WMS 25,4 (EX40)RL YE	0800335	1

Ordering data

Type	Order No.	Pcs./Pkt.
WMS 2,4 (EX4)R BK	0800415	1
WMS 3,2 (EX5)R BK	0800416	1
WMS 4,8 (EX9)R BK	0800418	1
WMS 6,4 (EX10)R BK	0800419	1
WMS 9,5 (EX16)R BK	0800421	1
WMS 12,7 (EX20)R BK	0800422	1
WMS 19,1 (EX30)R BK	0800423	1
WMS 25,4 (EX40)R BK	0800424	1
WMS 38,1 (EX60)R BK	0800425	1
WMS 50,8 (EX80)R BK	0800426	1
WMS 2,4 (EX4)RL BK	0800427	1
WMS 3,2 (EX5)RL BK	0800428	1
WMS 4,8 (EX9)RL BK	0800429	1
WMS 6,4 (EX10)RL BK	0800430	1
WMS 9,5 (EX16)RL BK	0800431	1
WMS 12,7 (EX20)RL BK	0800432	1
WMS 19,1 (EX30)RL BK	0800434	1
WMS 25,4 (EX40)RL BK	0800435	1

Accessories

THERMOMARK-RIBBON 110-WMSU	0801358	1
THERMOMARK-RIBBON 64-WMSU	0801360	1
THERMOMARK-RIBBON 64-WMSE	5145724	1
THERMOMARK-RIBBON 25-WMSU	0803390	1

Accessories

THERMOMARK-RIBBON 110-WMSU WH	0801359	1
THERMOMARK-RIBBON 64-WMSU WH	0801361	1

Marking sleeves

Can be marked using:

new



Thermal transfer for rolls



Conductor diameter from 1.2 to 4.8 mm,
white and yellow

The WMS-OT HF ... marking sleeves are used to mark conductors and cables

- The large opening in the material means that the cable can be fed quickly and easily through the sleeve
- The marking sleeves are not shrinkable
- The material is available in continuous format on a roll
- The material can be cut to custom length using the CUTTER unit
- The CUTTER/P perforation unit can be used to perforate the sleeve as required
- The marking sleeves can be printed on both sides
- The WMS-OT HF ... product range satisfies the stringent requirements of DIN EN 45545-2 (R22/R23/R24:HL3), making it ideal for use in the railway industry

Notes:

THERMOMARK ROLL..., THERMOMARK ROLL X1, THERMOMARKROLLMASTER 300, THERMOMARK ROLLMASTER 600, THERMOMARK X1.2, THERMOMARK W2
Use the THERMOMARK ROLL-ERH external media hub for R and RL rolls, see printers, page 40.

General data

Can be marked with

Material	
Temperature range	[°C]
Wipe resistance	
Components	

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL • THERMOMARK W2
Polyolefine
-30 ... 125
DIN EN 61010-1 (VDE 0411-1)
Halogen-free

Ordering data

Description	Color
Marking sleeve, for conductor diameter from 0.8 to 3.2 mm	
1 roll = 30 m	white
1 roll = 30 m	yellow
1 roll = 120 m	white
1 roll = 120 m	yellow
Marking sleeve, for conductor diameter from 1.6 to 4.8 mm	
1 roll = 30 m	white
1 roll = 30 m	yellow
1 roll = 120 m	white
1 roll = 120 m	yellow

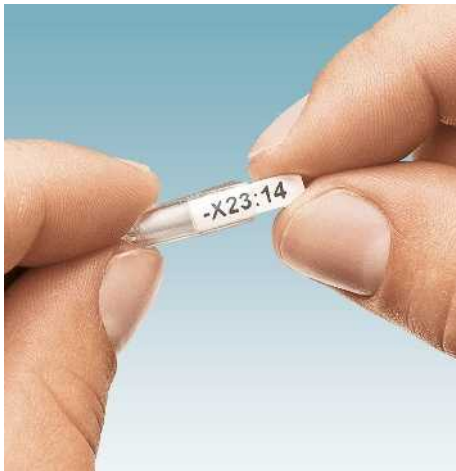
Type	Order No.	Pcs./Pkt.
WMS-OT HF 3,2 (EX5)R	1044236	1
WMS-OT HF 3,2 (EX5)R YE	1044239	1
WMS-OT HF 3,2 (EX5)RL	1044253	1
WMS-OT HF 3,2 (EX5)RL YE	1044254	1
WMS-OT HF 4,8 (EX9)R	1044243	1
WMS-OT HF 4,8 (EX9)R YE	1044245	1
WMS-OT HF 4,8 (EX9)RL	1044256	1
WMS-OT HF 4,8 (EX9)RL YE	1044259	1

Accessories

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 25 mm

TM-RIBBON 25 BK 102	1053499	1
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Insertable wire marking for marking collars



- EMT ... insert labels for marking various marking collars
- Thanks to their special contour, EMT ... insert labels remain securely inside the collar once inserted
- Quick and cost-effective marking with THERMOMARK ... roll printers from Phoenix Contact
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences, and can also be used under harsh industrial conditions
- Marking service: Phoenix Contact can custom-mark many conductor markers according to your requirements
- **Designation example:**
EMT (10x4)R
Lettering field width: 10 mm
Lettering field height: 4 mm
Type of packaging: roll

Notes:

PATG/PATO ... system, see page 248.

KMK ..., see page 236.

LM ..., see page 237.

The WMT (15x4)RL can only be printed using the THERMOMARK ROLLMASTER 300/600. In addition, the tear-off edge must be unscrewed from the printer.

Can be marked using:



Thermal transfer for rolls

PRINTED
FOR YOU



Insert labels for marker carriers

General data

Can be marked with

Material	
Temperature range	[°C]
Wipe resistance	
Components	

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyester
-40 ... 120
DIN EN 61010-1 (VDE 0411-1)
Free from silicone and halogen

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Insert strips , can be marked with thermal transfer printer				
1 roll = 7500 markers	white	EMT (10X4)R	0816235	1
1 roll = 7500 markers	white	EMT (15X4)R	0817329	1
	red	EMT (15X4)R RD	0816249	1
	yellow	EMT (15X4)R YE	0817358	1
	blue	EMT (15X4)R BU	0817332	1
1 roll = 5000 markers	white	EMT (23X4)R	0817361	1
	yellow	EMT (23X4)R YE	0817374	1
1 roll = 5000 markers	white	EMT (24X4)R	0816265	1
1 roll = 5000 markers	white	EMT (25X6)R	0817264	1
1 roll = 5400 markers	white	EMT (29X8)R	0817277	1
	yellow	EMT (29X8)R YE	0817280	1
	turquoise	EMT (31X12,5)R TQ	1073887	1
1 roll = 2300 markers	white	EMT (40X17)R	0817293	1
	gray	EMT (50X18,8)R GY	1003223	1
1 roll = 500 insert strips	white	EMT (50X18,8)R	1003224	1
1 roll = 2500 markers	white	EMT (60X15)R	0801846	1
1 roll = 10,000 markers	white	WMT (15X4)RL	1080099	1
Insert strips , for PATG/PATO, perforated, DIN A4 sheet, lettering field size: 15 x 4 mm, 1 sheet = 360 labels, for office laser printers				
	white	PABL 15X4	0808260	10

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Accessories

THERMOMARK-RIBBON 110-WMTB HF	5148007	1
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Marking and labeling – MARKING system

Wire and cable marking

Thread-on wire marking

Can be marked using:



Thermal transfer for rolls

PRINTED
FOR YOU



Markers for conductor diameters
from 1.0 to 8.4 mm

- The conductor is threaded through the two punch-outs on the marker. In this way, the marker is aligned on the conductor
- The special hole geometry ensures a strong axial hold
- Quick and cost-effective marking with THERMOMARK ... roll printers from Phoenix Contact
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences, and can also be used under harsh industrial conditions
- Marking service: Phoenix Contact can custom-mark many conductor markers according to your requirements
- **Designation example:**
WMT 2,4 (15 x 4)R
Conductor diameter: up to 2.4 mm
Lettering field width: 15 mm
Lettering field height: 4 mm
Type of packaging: roll

General data

Can be marked with

Material
Temperature range
Wipe resistance
Components

[°C]

Technical data

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyester
-40 ... 120
DIN EN 61010-1 (VDE 0411-1)
Free from silicone and halogen

Ordering data

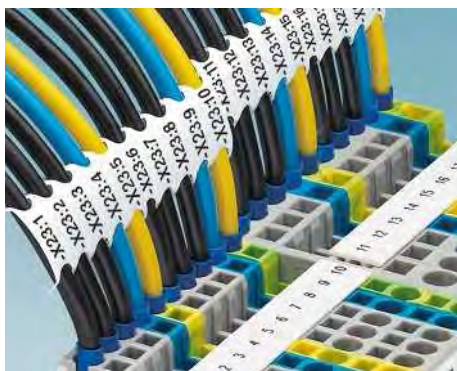
Description	Color
Thread-on conductor markers , can be marked with thermal transfer printer	
1 roll = 4000 markers, conductor diameter: 1.0 ... 2.4 mm	white
1 roll = 4000 markers, conductor diameter: 2.0 ... 3.5 mm	white
1 roll = 4000 markers, conductor diameter: 3.0 ... 4.2 mm	white
1 roll = 4000 markers, conductor diameter: 4.0 ... 5.5 mm	white
1 roll = 4000 markers, conductor diameter: 5.0 ... 8.4 mm	white

Type	Order No.	Pcs./Pkt.
WMT 2,4 (15X4)R	0816281	1
WMT 3,5 (15X5)R	0817222	1
WMT 4,2 (15X6)R	0817235	1
WMT 5,5 (15X8)R	0817248	1
WMT 8,4 (17X10)R	0817251	1

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Accessories

THERMOMARK-RIBBON 110-WMTB HF	5148007	1
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Wire marking for cable tie assembly

Can be marked using:



Thermal transfer for rolls

PRINTED
FOR YOU



Markers for conductor diameters
of 6 mm and above

- Wire marking, for marking and bundling conductors indoors
- The WT ... cable ties are attached to both fastening lugs on the marker
- Quick and cost-effective marking with THERMOMARK ... roll printers from Phoenix Contact
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences, and can also be used under harsh industrial conditions
- Marking service: Phoenix Contact can custom-mark many conductor markers according to your requirements
- **Designation example:**
WMTB (24x8) R
Lettering field width: 24 mm
Lettering field height: 8 mm
Type of packaging: roll

Notes:
For corresponding cable ties, see from page 614.

General data	
Can be marked with	
Material	
Temperature range	[°C]
Wipe resistance	
Components	
Description	Color
Cable markers for assembly with cable ties , max. cable tie width: 5 mm, can be marked with thermal transfer printer	
1 roll = 4000 markers	white
1 roll = 1700 markers	white
Ink ribbon for roll printer , ink color: black, length: 300 m, width: 110 mm	

Technical data		
THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL Polyester -40 ... 120 DIN EN 61010-1 (VDE 0411-1) Free from silicone and halogen		
Ordering data		
Type	Order No.	Pcs./Pkt.
WMTB (24x8)R	0816278	1
WMTB (35x15)R	0817316	1
Accessories		
THERMOMARK-RIBBON 110-WMTB HF	5148007	1

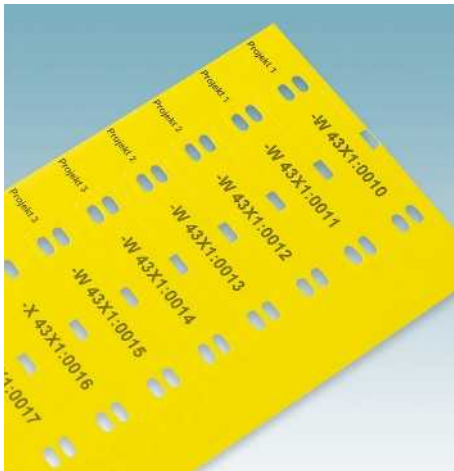


Marking and labeling – MARKING system

Wire and cable marking

Wire marking for cable tie assembly

Can be marked using:



Thermal transfer for rolls



Markers for conductor diameters of 6 mm and above

The halogen-free wire and cable marking is used for marking and bundling conductors and cables indoors and outdoors

- Made from high-quality thermoplastic polyether urethane
- Highly flexible material, adapts to the bending of the conductors or cables
- The carrier material is ideal for printing additional markings, e.g., project information. This makes it easier to assign the markers during mounting
- Very high tensile strength
- Flame-retardant material
- The marker is attached to the conductor with cable ties. There are two fastening lugs for this
- Marking service: Phoenix Contact can custom-mark many conductor markers according to your requirements
- **Designation example:**
WMTB HF (40x12)R
HF: halogen-free material
Lettering field width: 40 mm
Lettering field height: 12 mm
Type of packaging: roll

Notes:

For corresponding cable ties, see from page 614.

General data

Can be marked with

Material
Flammability rating in accordance with UL 94
Temperature range
Wipe resistance
Components

[°C]

THERMOMARK ROLLMASTER 300 • THERMOMARK ROLLMASTER 600 • THERMOMARK X1.2 • THERMOMARK ROLL X1 • THERMOMARK ROLL 2.0 • THERMOMARK ROLL PUR
V0
-25 ... 80
DIN EN 61010-1 (VDE 0411-1)
Halogen-free

Ordering data

Description	Color
Cable markers for assembly with cable ties, max. cable tie width: 5 mm, can be marked with thermal transfer printer	
1 roll = 1000 markers	white
	yellow
	red
	dark blue
	blue
	green
1 roll = 1000 markers	white
	yellow
	red
	dark blue
	blue
	green
1 roll = 500 markers	white
	yellow
	red
	dark blue
	blue
	green

Type	Order No.	Pcs./Pkt.
WMTB HF (40X12)R	0830407	1
WMTB HF (40X12)R YE	0830408	1
WMTB HF (40X12)R RD	0803314	1
WMTB HF (40X12)R DBU	0802991	1
WMTB HF (40X12)R BU	0804977	1
WMTB HF (40X12)R GN	0804978	1
WMTB HF (55X15)R	0830409	1
WMTB HF (55X15)R YE	0830410	1
WMTB HF (55X15)R RD	0803315	1
WMTB HF (55X15)R DBU	0802992	1
WMTB HF (55X15)R BU	0804979	1
WMTB HF (55X15)R GN	0804980	1
WMTB HF (55X25)R	0830411	1
WMTB HF (55X25)R YE	0830412	1
WMTB HF (55X25)R RD	0803316	1
WMTB HF (55X25)R DBU	0802993	1
WMTB HF (55X25)R BU	0804981	1
WMTB HF (55X25)R GN	0804982	1

Accessories

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Ink ribbon for roll printer, ink color: white, length: 300 m, width: 110 mm

THERMOMARK-RIBBON 110-WMTB HF	5148007	1
TM-RIBBON 110-WMTB HF WH	0802990	1



Conductor marker carriers for assembly with cable ties, for labels with laminated protective film



- The WM-CARRIER /B ... conductor marker carriers consist of a marking field for labels and a transparent, self-adhesive laminated protective film
- The protective film provides permanent protection against contamination and abrasion
- The thermal transfer printer creates a high-quality print image
- Quick and easy handling
- The marker is attached to the conductor with cable ties. There are two fastening lugs for this
- Resistant to solvents
- Marking service: Phoenix Contact can custom-mark many cable marker labels according to your requirements

Notes:

For corresponding cable ties, see from page 614.



Markers for conductor diameters of 6 mm and above

General data

Material	PVC/polyester
Temperature range	-10 ... 60 [°C]
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Components	Halogen-free

Description	Color
Conductor marker carriers , maximum cable tie width: 5 mm	
Lettering field size: 48 x 10 mm	transparent
Lettering field size: 55 x 15 mm	transparent
Lettering field size: 85 x 15 mm	transparent

Ink ribbon for roll printer, ink color: black, length: 300 m, width: 110 mm

Ink ribbon for roll printer, ink color: black, length: 50 m, width: 110 mm

Labels, can be marked with a thermal transfer printer

1 roll = 2500 labels	white
1 roll = 2500 labels	yellow
1 roll = 2500 labels	white
1 roll = 2500 labels	yellow
1 roll = 2500 labels	white
1 roll = 2500 labels	yellow

Technical data

Material	PVC/polyester
Temperature range	-10 ... 60
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Components	Halogen-free

Ordering data

Type	Order No.	Pcs./Pkt.
WM-CARRIER/B (48X10)LPR	0830423	100
WM-CARRIER/B (55X15)LPR	0830424	100
WM-CARRIER/B (85X15)LPR	0830425	100

Accessories

THERMOMARK-RIBBON 110	5145384	1
THERMOMARK-RIBBON 110/50	0800687	1
EML (40X6)R	0830481	1
EML (40X6)R YE	0830482	1
EML (50X10)R	0830483	1
EML (50X10)R YE	0830484	1
EML (75X10)R	0830485	1
EML (75X10)R YE	0830486	1



Marking and labeling – MARKING system

Wire and cable marking

Plastic cable markers for insert labels, for assembly with cable ties



- The KMK ... versions have eyelets and are attached with cable ties
- Plastic cable markers mark and bundle conductors and cables indoors
- The sealing cap protects the marked insert label from contamination
- Marking service: Phoenix Contact can custom-mark many insert labels for plastic cable markers according to your requirements
- The UniSheets can also be used with the THERMOMARK CARD-US-MAG1 magazine in THERMOMARK CARD ...
- **Designation example:**
ESL (25x6)
Lettering field width: 25 mm
Lettering field height: 6 mm
Type of packaging: sheet

Notes:

For corresponding cable ties, see from page 614.



Lettering field size 25 x 6 mm,
for cable diameter > 6 mm

General data	
Material	
Temperature range	[°C]
Components	

Description	Color
Cable marker carrier for cable tie assembly	
Lettering field size: 25 x 6 mm	transparent
Lettering field size: 29 x 8 mm	transparent
Lettering field size: 40 x 17 mm	transparent
Lettering field size: 60 x 15 mm	transparent

Insert labels, DIN A4 , can be marked with laser printer
1 sheet = 252 labels
1 sheet = 174 labels
1 sheet = 56 labels
Roll , insert labels, can be marked with THERMOMARK ROLL, THERMOMARK ROLLMASTER 300, THERMOMARK ROLLMASTER 600
1 roll = 5000 markers
1 roll = 5400 markers
1 roll = 2300 markers
1 roll = 2500 markers
UniSheet , insert labels, can be marked with THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK ID, and BLUEMARK ID COLOR
1 UniSheet = 84 labels
1 UniSheet = 48 labels
1 UniSheet = 16 labels
1 UniSheet = 9 labels
Magazine for THERMOMARK CARD and THERMOMARK PRIME
for accommodating all US materials
Adapter plate for BLUEMARK ID, for accommodating US materials

Technical data

Polyethylene
-40 ... 80
Free from silicone and halogen

Ordering data

Type	Order No.	Pcs./Pkt.
KMK 1	0830745	100

Accessories

ESL (25X6)	0801849	10
EMT (25X6)R	0817264	1
US-EMP (25X6)-1	0802754	10
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1





Lettering field size 29 x 8 mm,
for cable diameter > 6 mm



Lettering field size 40 x 17 mm,
for cable diameter > 9 mm



Lettering field size 60 x 15 mm,
for cable diameter > 9 mm

Technical data		
Polyethylene -40 ... 80 Free from silicone and halogen		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK 2	1005266	100
KMK 2-1000	0815004	1000

Accessories		
ESL 29X8	0808257	10
EMT (29X8)R	0817277	1
US-EMP (29X8)	0829436	10
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1

Technical data		
Polyethylene -40 ... 80 Free from silicone and halogen		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK 4	1005305	50

Accessories		
ESL 40X17	0808095	10
EMT (40X17)R	0817293	1
US-EMP (40X17)	0829437	10
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1

Technical data		
Polyethylene -40 ... 80 Free from silicone and halogen		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK 5	0830746	50

Accessories		
ESL 60X15	0808095	10
EMT (60X15)R	0801846	1
US-EMP (60X15)	0828781	10
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1

Marking and labeling – MARKING system

Wire and cable marking

Plastic cable markers for insert labels, for assembly with cable ties



- Plastic cable markers mark and bundle conductors and cables indoors
- The sealing cap protects the marked insert label from contamination
- Marking service: Phoenix Contact can custom-mark many insert labels for plastic cable markers according to your requirements
- The UniSheets can also be used with the THERMOMARK CARD-US-MAG1 magazine in THERMOMARK CARD ...
- **Designation example: ESL(29x8)**
Lettering field width: 29 mm
Lettering field height: 8 mm
Type of packaging: sheet

Notes:
For corresponding cable ties, see from page 614.
The print image may vary depending on the laser printer.



For insert labels with lettering field size 29 x 8 mm, for cable diameters > 10 mm

General data
Material
Temperature range [°C]
Components

Description	Color
-------------	-------

Plastic cable markers for insert labels, with cable ties with a pointed end, can be marked with ESL..., EMT... or US-EMP... insert labels, diameter: 10 ... 25 mm, lettering field size: 29 x 8 mm

transparent

Plastic cable markers for insert labels, with cable ties with a pointed end, can be marked with ESL..., EMT... or US-EMP... insert labels, diameter: 16 ... 35 mm, lettering field size: 40 x 17 mm

transparent

Cable and conductor markers for insert labels, can be marked with EST or ESL, diameter of 1 - 12 mm, lettering field size: 24 x 4 mm

white

Cable and conductor markers for labels, can be marked with EML or EMLC, diameter of 1 - 20 mm, lettering field size: 20 x 8 mm

white

Insert strips for laser printers, DIN A4, perforated

1 sheet = 174 labels
1 sheet = 56 labels
1 sheet = 488 labels

Roll, insert labels, can be marked with thermal transfer printer

1 roll = 5400 markers
1 roll = 2300 markers
1 roll = 5000 markers

UniSheet, insert labels, can be marked with THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK ID, and BLUEMARK ID COLOR

1 UniSheet = 48 labels
1 UniSheet = 16 labels

Textile label

1 roll = 2500 labels
1 roll = 2500 labels

UniSheet, self-adhesive labels for thermal transfer printers

1 UniSheet = 64 labels, lettering field size: 20 x 8 mm

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating all US materials

Adapter plate for BLUEMARK ID, for accommodating US materials

Technical data

Polyethylene
-40 ... 80
Free from silicone and halogen

Ordering data

Type	Order No.	Pcs./Pkt.
KMK	1005208	100

Accessories

ESL 29X8	0808257	10
EMT (29X8)R	0817277	1
US-EMP (29X8)	0829436	10
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1





Insert label, with lettering field size
40 x 17 mm, for cable diameters > 16 mm



For insert labels with lettering field size
24 x 4 mm, for cable diameters > 1 mm



For adhesive labels, with lettering field size
20 x 8 mm, for cable diameters > 1 mm

Technical data		
Polyethylene		
-40 ... 80		
Free from silicone and halogen		

Ordering data		
Type	Order No.	Pcs./Pkt.
KMK 3	1005211	50

Accessories		
ESL 40X17	0808095	10
EMT (40X17)R	0817293	1
US-EMP (40X17)	0829437	10
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1

Technical data		
PA		
-40 ... 100		
Free from silicone and halogen		

Ordering data		
Type	Order No.	Pcs./Pkt.
LM	1004377	100

Accessories		
ESL 24X4	0808231	10
EMT (24X4)R	0816265	1

Technical data		
PA		
-40 ... 100		
Free from silicone and halogen		

Ordering data		
Type	Order No.	Pcs./Pkt.
KME	0807083	50

Accessories		
EMLC (20X8)R	0815680	1
EML (20X8)R	0816786	1
US-EML (20X8)	0800458	10
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1

Wire and cable marking

Plastic cable markers for insert labels, for assembly with cable ties



- KMK HP ... plastic cable markers mark and bundle conductors and cables indoors
- Flammability rating V0 in accordance with UL 94
- The KMK HP ... cable markers are particularly suitable for use in the railway industry, transportation technology, and building technology, thanks to their outstanding material properties
- The KMK ... versions have eyelets and are attached with cable ties
- The sealing cap protects the marked insert label from contamination
- Marking service: Phoenix Contact can custom-mark many insert labels for plastic cable markers according to your requirements
- The UCT sheets can also be used with the THERMOMARK CARD-UCT-MAG26 magazine in THERMOMARK CARD ...
- **Designation example:**
UCT-EMP (25x6)
Lettering field width: 25 mm
Lettering field height: 6 mm
Type of packaging: sheet

Notes:

For matching cable ties, see page 588 onwards or the product area on our website at phoenixcontact.net/products.



Lettering field size: 25 x 6 mm,
for cable diameter > 6 mm

General data

Material	
Flammability rating in accordance with UL 94	
Temperature range	[°C]
Components	

Description

Cable marker carrier for cable tie assembly	transparent
--	-------------

UniCard, insert strip for KMK... cable marker carriers, can be marked with THERMOMARK CARD, BLUEMARK, and TOPMARK

- 1 sheet = 15 labels
- 1 sheet = 15 labels
- 1 sheet = 3 labels
- 1 sheet = 3 labels

Roll, insert labels, can be marked with THERMOMARK ROLL, THERMOMARK ROLLMASTER 300, THERMOMARK ROLLMASTER 600

- 1 roll = 5000 markers
- 1 roll = 5400 markers
- 1 roll = 2500 markers
- 1 roll = 2300 markers

Magazine for THERMOMARK CARD and THERMOMARK PRIME for accommodating UCT-EMP ...

Technical data

PC (polycarbonate)
V0
-40 ... 125
Halogen-free

Ordering data

Type	Order No.	Pcs./Pkt.
KMK HP (25X6)	0830720	100

Accessories

UCT-EMP (25X6)	1014117	10
EMT (25X6)R	0817264	1
TMP-UCT-MAG26	0803370	1





Lettering field size: 29 x 8 mm,
for cable diameter > 6 mm



Lettering field size: 60 x 15 mm,
for cable diameter > 9 mm



Lettering field size: 40 x 17 mm,
for cable diameter > 9 mm

Technical data		
PC (polycarbonate) V0 -40 ... 125 Halogen-free		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK HP (29X8)	0830721	100
Accessories		
UCT-EMP (29X8)	1014118	10
EMT (29X8)R	0817277	1
TMP-UCT-MAG26	0803370	1

Technical data		
PC (polycarbonate) V0 -40 ... 125 Halogen-free		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK HP (60X15)	0830722	50
Accessories		
UCT-EMP (60X15)	1014119	10
EMT (60X15)R	0801846	1
TMP-UCT-MAG26	0803370	1

Technical data		
PC (polycarbonate) V0 -40 ... 125 Halogen-free		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK HP (40X17)	0830723	50
Accessories		
UCT-EMP (40X17)	1014120	10
EMT (40X17)R	0817293	1
TMP-UCT-MAG26	0803370	1

Marking and labeling – MARKING system

Wire and cable marking

Plastic cable markers for insert labels, for assembly with cable ties



- KMK UV ... plastic cable markers mark and bundle conductors and cables outdoors
- The KMK UV... cable markers are transparent, impact resistant, and have excellent weathering resistance. At the same time, they also possess outstanding chemical resistance
- The KMK... versions have eyelets and are attached with cable ties
- The sealing cap protects the marked insert label from contamination
- Marking service: Phoenix Contact can custom-mark many insert labels for plastic cable markers according to your requirements
- The UCT sheets can also be used with the THERMOMARK CARD-UCT-MAG26 magazine in THERMOMARK CARD ...
- The UniSheets can also be used with the THERMOMARK CARD-US-MAG1 magazine in THERMOMARK CARD ...
- **Designation example:**
UCT-EMP (25x6)
Lettering field width: 25 mm
Lettering field height: 6 mm
Type of packaging: roll



Notes:

For matching cable ties, see page 588 onwards or the product area on our website at phoenixcontact.net/products.

¹⁾ WT-UV HF...BK cable ties are weatherproof and UV resistant in accordance with ISO 4892 (after QUV-B 600 hours) for up to 10 years.



Lettering field size: 25 x 6 mm,
for cable diameter > 6 mm

General data

Material	
Flammability rating in accordance with UL 94	
Temperature range	[°C]
Components	

Description

Cable marker carrier for cable tie assembly

transparent

UniCard, insert strip for KMK... cable marker carriers, can be marked with THERMOMARK CARD, BLUEMARK, and TOPMARK

1 sheet = 15 labels
1 sheet = 15 labels
1 sheet = 3 labels
1 sheet = 3 labels

UniSheet, insert labels, can be marked with THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK ID, and BLUEMARK ID COLOR

1 UniSheet = 84 labels
1 UniSheet = 48 labels
1 UniSheet = 9 labels
1 UniSheet = 16 labels

Roll, insert labels, can be marked with THERMOMARK ROLL, THERMOMARK ROLLMASTER 300, THERMOMARK ROLLMASTER 600

1 roll = 5000 markers
1 roll = 5400 markers
1 roll = 2500 markers
1 roll = 2300 markers

Cable tie, halogen-free, flammability rating in accordance with UL 94: V2, maximum bundle Ø [mm] / min. tensile strength [N]¹⁾

35 / 130

50 / 220

79 / 220

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating UCT-EMP ...

Magazine for THERMOMARK CARD and THERMOMARK PRIME

for accommodating all US materials

Adapter plate for BLUEMARK ID, for accommodating US materials

Technical data

PA
HB
-40 ... 100
Halogen-free

Ordering data

Type	Order No.	Pcs./Pkt.
KMK UV (25X6)	1014106	100

Accessories

UCT-EMP (25X6)	1014117	10
US-EMP (25X6)-1	0802754	10
EMT (25X6)R	0817264	1
WT-UV HF 3,6X140 BK	3240832	100
WT-UV HF 4,5X200 BK	3240834	100
WT-UV HF 4,5X290 BK	3240835	100
TMP-UCT-MAG26	0803370	1
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1



Lettering field size: 29 x 8 mm,
for cable diameter > 6 mm



Lettering field size: 60 x 15 mm,
for cable diameter > 9 mm

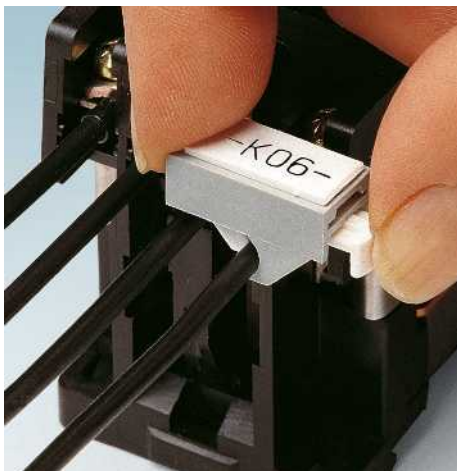


Lettering field size: 40 x 17 mm,
for cable diameter > 9 mm

Technical data		
PA HB -40 ... 100 Halogen-free		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK UV (29X8)	1014107	100
Accessories		
UCT-EMP (29X8)	1014118	10
US-EMP (29X8)	0829436	10
EMT (29X8)R	0817277	1
WT-UV HF 3,6X140 BK WT-UV HF 4,5X200 BK WT-UV HF 4,5X290 BK	3240832 3240834 3240835	100 100 100
TMP-UCT-MAG26	0803370	1
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1

Technical data		
PA HB -40 ... 100 Halogen-free		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK UV (60X15)	1014108	50
Accessories		
UCT-EMP (60X15)	1014119	10
US-EMP (60X15)	0828781	10
EMT (60X15)R	0801846	1
WT-UV HF 3,6X140 BK WT-UV HF 4,5X200 BK WT-UV HF 4,5X290 BK	3240832 3240834 3240835	100 100 100
TMP-UCT-MAG26	0803370	1
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1

Technical data		
PA HB -40 ... 100 Halogen-free		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMK UV (40X17)	1014109	50
Accessories		
UCT-EMP (40X17)	1014120	10
US-EMP (40X17)	0829437	10
EMT (40X17)R	0817293	1
WT-UV HF 3,6X140 BK WT-UV HF 4,5X200 BK WT-UV HF 4,5X290 BK	3240832 3240834 3240835	100 100 100
TMP-UCT-MAG26	0803370	1
TMP-US-MAG1	0803341	1
BM ID-ADAPTER PLATE-US	1044355	1



- The GKM ... conductor markers enable large-area marking on conductors
- Flexible application, thanks to spring-loaded conductor attachment
- Particularly suitable for temporary marking
- The UCT sheets can also be used with the THERMOMARK CARD-UCT-MAG15 magazine in THERMOMARK CARD ...
- Quick and easy to use



Conductor diameter from 0 to 5.2 mm

General data	
Material	
Temperature range	[°C]
Components	

Description	Color
Conductor marker, for conductor diameters of 0 - 5.2 mm	gray
for conductor diameters of 4.8 - 11 mm	gray

Contact label zack marker strip , 5-section, can be marked with X-PEN, B-STIFT, plotter or label 20 x 8	
Lettering field size: 20 x 8 mm	white
Lettering field size: 20 x 8 mm	yellow
UniCard , for marking devices from the following manufacturers: ABB, CONTA-CLIP, Escha, Festo, ifm-electronik, Harting, Moeller, Phoenix Contact, Siemens	
Lettering field size: 20 x 9 mm	white
Lettering field size: 20 x 9 mm	yellow
UniCard , for marking devices from the following manufacturers: ABB, CONTA-CLIP, Escha, Festo, ifm-electronik, Lumberg, Moeller, Murr Elektronik, Pepperl & Fuchs, Phoenix Contact, Siemens, Turck, Weidmüller	
Lettering field size: 20 x 9 mm	white
Lettering field size: 20 x 9 mm	yellow
Magazine for THERMOMARK CARD and THERMOMARK PRIME for accommodating UCT-EM (20x9)	

Technical data		
PA/ABS		
-40 ... 80		
Free from silicone and halogen		

Ordering data		
Type	Order No.	Pcs./Pkt.
GKM 1 GY	1750498	100

Accessories		
SS-ZB WH	5031171	50
SS-ZB YE	5031650	50
UC-EM (20X9)	0825503	10
UC-EM (20X9) YE	0827637	10
UCT-EM (20X9)	0801471	10
UCT-EM (20X9) YE	0801472	10
TMP-UCT-MAG15	0803357	1



Conductor diameter from 4.8 to 11 mm

Technical data

PA/ABS
-40 ... 80
Free from silicone and halogen

Ordering data

Type	Order No.	Pcs./Pkt.
GKM 2 GY	1750485	100

Accessories

SS-ZB WH	5031171	50
SS-ZB YE	5031650	50
UC-EM (20X9)	0825503	10
UC-EM (20X9) YE	0827637	10
UCT-EM (20X9)	0801471	10
UCT-EM (20X9) YE	0801472	10
TMP-UCT-MAG15	0803357	1

Type key for SD-WMTBS ...



Ordering example

For letters, numbers, and symbols, the products need to be configured.

Ordering the letter A in yellow =
0826611: A - SD-WMTBS (CH)YE

Example

0826514 SD-WMTBS (S) YE

0826514	SD-WMTBS	(S)	YE
Order No.	Product type	Printing	Color
0826637	SD-WMTBS (NEUTRAL) CC	(NEUTRAL) = unprinted	YE = yellow
0826514	SD-WMTBS (S) YE	(S) = printed with numbers 0 - 9	YE = yellow
0826611: letter	SD-WMTBS (CH) YE	(CH) = letters A - Z	YE = yellow
0826624: symbol	SD-WMTBS (SY) YE	(SY) = symbols + - / . GND	YE = yellow
0826527	SD-WMTBS (NU) CC	(NU) = printed with numbers 0 - 9	CC = international color code
0826556: numbers	SD-WMTBS (NU) VA	(NU) = printed with numbers 0 - 9	VA = stainless steel
0826640: letters	SD-WMTBS (CH) VA	(CH) = letters A - Z	VA = stainless steel
0826653: symbol	SD-WMTBS (SY) VA	(SY) = symbols + - / . GND	VA = stainless steel

International color code



Printing	Marker color	Font color
0	Black	White
1	Brown	White
2	Red	White
3	Orange	Black
4	Yellow	Black
5	Green	White
6	Blue	White
7	Violet	White
8	Gray	Black
9	White	Black

Cable marking for carrier assembly



- Cable markers for marking cables and conductors with larger cross sections
- The printed individual markers are pushed onto the corresponding holders

Notes:

1) For an ordering example, see page 244.

The marker carrier is secured with cable ties. For coordinating cable ties up to 4.8 mm width, see from page 614.



Individual markers with carrier
for cable diameter > 16 mm

General data

Material	
Flammability rating in accordance with UL 94	
Temperature range	[°C]
Wipe resistance	
Components	

Technical data

Polyvinyl chloride
V2
-30 ... 60
DIN EN 61010-1 (VDE 0411-1)
Free from silicone and cadmium

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Cable marker¹⁾				
unprinted	yellow	SD-WMTBS (NEUTRAL) CC	0826637	100
printed: with numbers 0-9	yellow	SD-WMTBS (S) YE	0826514	100
printed: with upper case letters A-Z	yellow	SD-WMTBS (CH) YE	0826611	100
printed: with symbols + - / . GND	yellow	SD-WMTBS (SY) YE	0826624	100
International color code, printed: with numbers 0-9	international color code	SD-WMTBS (NU) CC	0826527	100
Label holder, for cable ties up to 4.8 mm wide				
For max. 7 characters	black	SD-WMTB (70X10)	0826530	100
For max. 13 characters	black	SD-WMTB (100X10)	0826543	100

Marking and labeling – MARKING system

Wire and cable marking

Stainless steel cable marking for carrier assembly



- Cable markers for marking cables and conductors with larger cross sections
- The individual stainless steel markers are pushed onto the corresponding holders
- They are secured using stainless steel cable ties
- Easy assembly with UNIFOX-CT M7,9

Notes:
1) For ordering example, see page 244.
For further stainless steel cable ties, see page 620.



Stainless steel markers with carrier for assembly with cable ties

General data	
Material	
Description	Color
Cable markers , 5 strips, each with 10 markers ¹⁾	
unprinted	silver
printed: with numbers 0-9	silver
printed: with upper case letters A-Z	silver
printed: with symbols + - / . GND	silver
Label holder	
For max. 6 characters	silver
For max. 9 characters	silver
For max. 13 characters	silver
For max. 17 characters	silver
For max. 20 characters	silver
Cable tie , made of stainless steel (AISI 304), width: 4.6 mm, maximum bundle Ø [mm]/minimum tensile strength [N]	
30 / 890	silver
50 / 890	silver

Technical data		
Stainless steel		
Ordering data		
Type	Order No.	Pcs./Pkt.
SD-WMTBS (NEUTRAL) VA	0826666	50
SD-WMTBS (NU) VA	0826556	50
SD-WMTBS (CH) VA	0826640	50
SD-WMTBS (SY) VA	0826653	50
SD-WMTB (30X10) VA	0826569	50
SD-WMTB (47X10) VA	0826572	50
SD-WMTB (70X10) VA	0826585	50
SD-WMTB (92X10) VA	0826598	50
SD-WMTB (111X10) VA	0826608	50
Accessories		
WT-STEEL S 4,6X150	3240807	100
WT-STEEL S 4,6X201	3240808	100



Stainless steel cable marking
for embossing or laser engraving



- The KMV ... steel cable markers are used in areas where cables and pipes are exposed to high temperatures and chemically aggressive atmospheres
- The markers can be engraved or imprinted with a letter and number punch
- They are secured using stainless steel cable ties
- Easy assembly with UNIFOX-CT M7,9

Notes:
For further stainless steel cable ties, see page 620.



Stainless steel marker
for assembly with cable ties

General data	
Material	
Description	Color
Steel cable markers, rustproof, non-magnetic, label size: 89 x 19 mm, lettering field size: 65 x 19 mm	silver
Steel cable markers, rustproof, non-magnetic, label size: 44 x 9.6 mm, lettering field size: 23 x 9 mm	silver
Cable tie, made of stainless steel (AISI 304), width: 4.6 mm, maximum bundle Ø [mm]/minimum tensile strength [N]	
30 / 890	silver

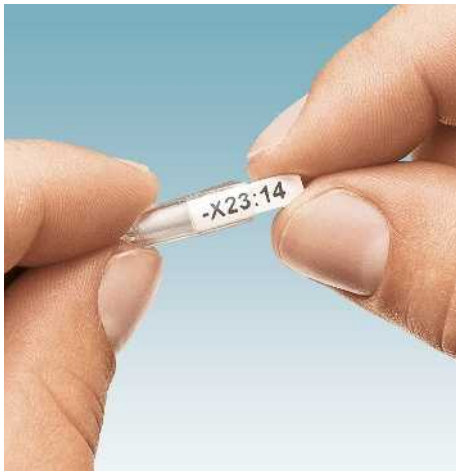
Technical data		
Stainless steel 304		
Ordering data		
Type	Order No.	Pcs./Pkt.
KMV	0806644	100
KMV 44X9,6	0812007	100
Accessories		
WT-STEEL S 4,6X150	3240807	100



Marking and labeling – MARKING system

Wire and cable marking

Marking collars for insert labels

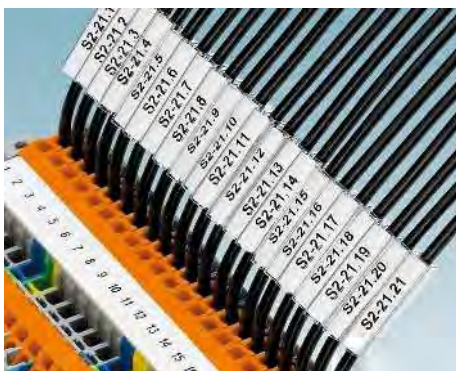


- These wire marking systems consist of marker carriers and insert labels
- The PATG ... collar is a captive marker carrier
- Marks conductors with a diameter of 0.6 ... 50 mm
- The corresponding UC-WMT ..., UCT-WMT ..., US-WMT ..., and EMT ... insert labels are used for marking



Closed marker carrier, for sliding on

General data		Technical data		
Material		PVC		
Flammability rating in accordance with UL 94		V0		
Temperature range		-50 ... 80		
Components		Silicone-free		
		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Wire marker carrier, closed, 10 mm wide				
Conductor diameter: 0.6 - 1.2 mm	transparent	PATG 0/10	1013795	1000
Conductor diameter: 1.5 - 2.5 mm	transparent	PATG 1/10	1013805	1000
Conductor diameter: 2.0 - 4.0 mm	transparent	PATG 2/10	1013818	1000
Conductor diameter: 4.0 - 7.0 mm	transparent	PATG 3/10	1013821	500
Wire marker carrier, closed, 12 mm wide				
Conductor diameter: 0.6 - 1.2 mm	transparent	PATG 0/12	0827076	1000
Conductor diameter: 1.5 - 2.5 mm	transparent	PATG 1/12	0827077	1000
Conductor diameter: 2.0 - 4.0 mm	transparent	PATG 2/12	0827078	1000
Conductor diameter: 4.0 - 7.0 mm	transparent	PATG 3/12	0827079	500
Conductor diameter: 6.0 - 10.0 mm	transparent	PATG 4/12	0827080	500
	transparent	PATG 5/12	0803312	200
Wire marker carrier, closed, 15 mm wide				
Conductor diameter: 0.6 - 1.2 mm	transparent	PATG 0/15	1013740	1000
Conductor diameter: 1.5 - 2.5 mm	transparent	PATG 1/15	1013025	1000
Conductor diameter: 2.0 - 4.0 mm	transparent	PATG 2/15	1013038	1000
Conductor diameter: 4.0 - 7.0 mm	transparent	PATG 3/15	1013041	500
Conductor diameter: 6.0 - 10.0 mm	transparent	PATG 4/15	1013054	500
Conductor diameter: 10.0 - 14.0 mm	transparent	PATG 5/15	1013067	200
Conductor diameter: 14.0 - 22.0 mm	transparent	PATG 6/15	1013070	200
Conductor diameter: 22.0 - 30.0 mm	transparent	PATG 7/15	1013083	50
Conductor diameter: 30.0 - 35.0 mm	transparent	PATG 8/15	1013096	50
Conductor diameter: 35.0 - 45.0 mm	transparent	PATG 9/15	1013106	50
Wire marker carrier, closed, 18 mm wide				
Conductor diameter: 0.6 - 1.2 mm	transparent	PATG 0/18	0820507	1000
Conductor diameter: 1.5 - 2.5 mm	transparent	PATG 1/18	0820510	1000
Conductor diameter: 2.0 - 4.0 mm	transparent	PATG 2/18	0820523	1000
Conductor diameter: 4.0 - 7.0 mm	transparent	PATG 3/18	0820536	500
Conductor diameter: 6.0 - 10.0 mm	transparent	PATG 4/18	0820549	500
Conductor diameter: 10.0 - 14.0 mm	transparent	PATG 5/18	0820559	200
Conductor diameter: 14.0 - 22.0 mm	transparent	PATG 6/18	0828062	200
Wire marker carrier, closed, 23 mm wide				
Conductor diameter: 0.6 - 1.2 mm	transparent	PATG 0/23	0828046	1000
Conductor diameter: 1.5 - 2.5 mm	transparent	PATG 1/23	1013847	1000
Conductor diameter: 2.0 - 4.0 mm	transparent	PATG 2/23	1013850	500
Conductor diameter: 4.0 - 7.0 mm	transparent	PATG 3/23	1013863	500
Conductor diameter: 6.0 - 10.0 mm	transparent	PATG 4/23	0808011	200
Conductor diameter: 10.0 - 14.0 mm	transparent	PATG 5/23	0808024	200
Conductor diameter: 14.0 - 22.0 mm	transparent	PATG 6/23	0808037	100
Conductor diameter: 22.0 - 30.0 mm	transparent	PATG 7/23	0808040	50
Conductor diameter: 30.0 - 35.0 mm	transparent	PATG 8/23	0808053	50
Wire marker carrier, closed, 30 mm wide				
Conductor diameter: 1.5 - 2.5 mm	transparent	PATG 1/30	0822440	500
Conductor diameter: 2.0 - 4.0 mm	transparent	PATG 2/30	0822453	500
Conductor diameter: 4.0 - 7.0 mm	transparent	PATG 3/30	0822466	200
Conductor diameter: 6.0 - 10.0 mm	transparent	PATG 4/30	0822479	200
Conductor diameter: 10.0 - 14.0 mm	transparent	PATG 5/30	0822482	200



Marking collars for insert labels

- Can be marked using UC-WMT ..., US-WMT ..., and UCT-WMT ... plastic labels or EMT ... insert strips

PATO ...

- These marking collars are used for the subsequent marking of systems that have already been wired

PAB-KTL ...

- Marking collars for marking and bundling conductors



Open marker carrier, for clipping on



Marker carrier for assembly with cable ties

General data		Technical data			Technical data		
Material		PVC			PVC		
Flammability rating in accordance with UL 94		V0			V0		
Temperature range	[°C]	-50 ... 80			-50 ... 80		
Components		Silicone-free			Silicone-free		
		Ordering data			Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Wire marker carrier, open, 10 mm wide							
Conductor diameter: 2.0 - 3.5 mm	transparent	PATO 1/10	1013876	1000			
Conductor diameter: 2.8 - 4.4 mm	transparent	PATO 2/10	1013889	1000			
Wire marker carrier, open, 12 mm wide							
Conductor diameter: 2.0 - 3.5 mm	transparent	PATO 1/12	0827081	1000			
Conductor diameter: 2.8 - 4.4 mm	transparent	PATO 2/12	0827082	1000			
Wire marker carrier, open, 15 mm wide							
Conductor diameter: 2.0 - 3.5 mm	transparent	PATO 1/15	1013119	1000			
Conductor diameter: 2.8 - 4.4 mm	transparent	PATO 2/15	1013122	1000			
Conductor diameter: 6.7 - 8.0 mm	transparent	PATO 3/15	1013135	500			
Conductor diameter: 6.7 - 10.0 mm	transparent	PATO 4/15	1013148	500			
Wire marker carrier, open, 18 mm wide							
Conductor diameter: 2.0 - 3.5 mm	transparent	PATO 1/18	0823740	500			
Conductor diameter: 2.8 - 4.4 mm	transparent	PATO 2/18	0823753	500			
Wire marker carrier, open, 23 mm wide							
Conductor diameter: 2.0 - 3.5 mm	transparent	PATO 1/23	1013892	500			
Conductor diameter: 2.8 - 4.4 mm	transparent	PATO 2/23	1013902	500			
Wire marker carrier, open, 30 mm wide							
Conductor diameter: 2.0 - 3.5 mm	transparent	PATO 1/30	0822495	500			
Conductor diameter: 2.8 - 4.4 mm	transparent	PATO 2/30	0822505	500			
Cable marker carrier, lettering field along the length of cable, can be marked with UC-WMT and PABA..., lettering field size: 30 x 4 mm, fastened with PKB cable tie							
	transparent				PAB-KTL	1013261	200
Lettering field size: 23 x 4 mm, marking with UC-WMT and PABA.../23	transparent				PAB-KTL 23	1013957	200
Plastic cable markers for PKE insert label, can be marked with PKE insert label, lettering field size: 9 mm x 20 mm, with eyelets for fastening with PKB cable tie							
	transparent				PKT 9X20	0803977	240

Wire and cable marking

Halogen-free marking collars for insert labels



- These wire marking systems consist of marker carriers and insert labels
- The PATG HF ... collar is a captive marker carrier
- Marks conductors with a diameter of 1.3 mm ... 10 mm
- The corresponding UC-WMT ... and UCT-WMT ... insert labels are used for marking
- These wire marking systems are particularly suitable for use in the railway and automotive industry, traffic technology, and building technology, thanks to their outstanding material properties
- Comprehensive approvals, such as NF F 16-101/16-102, DIN EN 45545-2, and DIN 5510-2 ensure international use
- Strengthening ribs ensure central fixing of the conductor or cable

Notes:

High-quality fluid printing with the BLUEMARK is required when using the UC-WMT... insert labels.



Closed marker carrier, for sliding on

General data

Material	
Flammability rating in accordance with UL 94	
Temperature range	[°C]
Components	

Technical data

TPU
-
-40 ... 85
Free from silicone, halogen, and cadmium

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Wire marker carrier, closed, 10 mm wide				
Cable diameter: 1.3 - 2.8 mm	transparent/ black	PATG HF 1/10	1014044	1000
Cable diameter: 2.0 - 4.0 mm	transparent/ black	PATG HF 2/10	1014050	1000
Cable diameter: 4.0 - 7.0 mm	transparent/ black	PATG HF 3/10	1014056	500
Wire marker carrier, closed, 12 mm wide				
Cable diameter: 1.3 - 2.8 mm	transparent/ black	PATG HF 1/12	1014045	1000
Cable diameter: 2.0 - 4.0 mm	transparent/ black	PATG HF 2/12	1014051	1000
Cable diameter: 4.0 - 7.0 mm	transparent/ black	PATG HF 3/12	1014057	500
Cable diameter: 5.0 - 10.0 mm	transparent/ black	PATG HF 4/12	1014063	500
Wire marker carrier, closed, 15 mm wide				
Cable diameter: 1.3 - 2.8 mm	transparent/ black	PATG HF 1/15	1014046	1000
Cable diameter: 2.0 - 4.0 mm	transparent/ black	PATG HF 2/15	1014052	1000
Cable diameter: 4.0 - 7.0 mm	transparent/ black	PATG HF 3/15	1014058	500
Cable diameter: 5.0 - 10.0 mm	transparent/ black	PATG HF 4/15	1014064	500
Wire marker carrier, closed, 18 mm wide				
Cable diameter: 1.3 - 2.8 mm	transparent/ black	PATG HF 1/18	1014047	1000
Cable diameter: 2.0 - 4.0 mm	transparent/ black	PATG HF 2/18	1014053	1000
Cable diameter: 4.0 - 7.0 mm	transparent/ black	PATG HF 3/18	1014059	500
Cable diameter: 5.0 - 10.0 mm	transparent/ black	PATG HF 4/18	1014065	500
Wire marker carrier, closed, 23 mm wide				
Cable diameter: 1.3 - 2.8 mm	transparent/ black	PATG HF 1/23	1014048	1000
Cable diameter: 2.0 - 4.0 mm	transparent/ black	PATG HF 2/23	1014054	500
Cable diameter: 4.0 - 7.0 mm	transparent/ black	PATG HF 3/23	1014060	500
Cable diameter: 5.0 - 10.0 mm	transparent/ black	PATG HF 4/23	1014066	200
Wire marker carrier, closed, 30 mm wide				
Cable diameter: 1.3 - 2.8 mm	transparent/ black	PATG HF 1/30	1014049	500
Cable diameter: 2.0 - 4.0 mm	transparent/ black	PATG HF 2/30	1014055	500
Cable diameter: 4.0 - 7.0 mm	transparent/ black	PATG HF 3/30	1014061	200
Cable diameter: 5.0 - 10.0 mm	transparent/ black	PATG HF 4/30	1014067	200

Closed marker carrier

new



Closed marker carrier, for sliding on

General data		Technical data		
Material		TPU		
Flammability rating in accordance with UL 94		V0		
Temperature range		-40 ... 85		
Components		Free from silicone, halogen, and cadmium		
Ordering data		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Wire marker carrier , transparent/black, unmarked, mounting type: slid on, cable diameter: 4 - 7 mm, lettering field size: 4 x 30 mm	transparent/	PATG HF 3/30 VPE 1000	1044263	1000
	black			
Wire marker carrier , transparent/black, unmarked, mounting type: slid on, cable diameter: 5 - 10 mm, lettering field size: 4 x 30 mm		PATG HF 4/30 VPE 1000	1044271	1000