

MM-WML 14 (24X19)R C1 WH/BK - Cable marker



1116146

<https://www.phoenixcontact.com/us/products/1116146>

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Cable marker, Roll, Mixed color, unmarked, can be labeled with: THERMOMARK GO, cable diameter range: 6 ... 14 mm, mounting type: adhesive, cable diameter: ≤ 14 mm, Number of individual labels: 93, text field height: 19 mm, text field width: 22 mm

Product description

MM-WML... vinyl polymer self-adhesive labels are available as prepunched material for wire marking.

Your advantages

- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing
- The pre-punched geometry enables easy and convenient use
- Easy and efficient material cartridge system: Includes both the material to be printed and the corresponding ink ribbon
- No visible difference between retrospective marking and existing markings created with a desktop roll printer
- The transparent protective foil is wound over the marking and provides permanent protection against contamination and abrasion
- The wrap-around labels do not add bulk, which means that the cable can still be drawn through cable ducts, for example
- The material is cUL certified
- Thanks to the innovative material composition, each label can be printed which results in zero wastage



Commercial data

Item number	1116146
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG221E
GTIN	4063151041182

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Weight per piece (including packing)	83.8 g
Weight per piece (excluding packing)	82.9 g
Customs tariff number	96121010
Country of origin	CN

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Technical data

Product properties

Product type	Conductor marker
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Marking

Number of individual labels	93
Number of individual labels per row	1
Identification technology	Thermal transfer

Dimensions

Width	24 mm
Height	19.05 mm
Depth	0.1 mm

Text field

Text field width	22 mm
Text field height	19 mm

Material specifications

Foil strength	89 µm
Adhesive strength	23 µm
Adhesive	Acrylic
Color	multicolored (RAL -)
	white (RAL 9010)
	black (RAL 9005)
Material	Vinyl polymer
Base element material	Vinyl polymer
Components	Free from silicone and cadmium

Cable/line

External cable diameter	≤ 14.00 mm
	6 mm ... 14 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C
Recommended ambient temperature (storage/transport)	21 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)

Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VW PV 3.10.7:2005-02
Result	Test passed

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UV resistance

Specification	DIN EN ISO 4892-2:2021-11 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07 DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropanol (99%) [67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed

Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN EN ISO 22479:2022-08
Result	Test passed
Procedure	Method B
Cycles	2

Salt spray test

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed

Standards and regulations

Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
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Mounting

Mounting type	adhesive
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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1116146>



cULus Recognized
Approval ID: MH48542

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Classifications

ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

ETIM

ETIM 10.0	EC001530
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UNSPSC

UNSPSC 21.0	39131500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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EF3.1 Climate Change

CO2e kg	5.276 kg CO2e
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