

MM-WML-FLAGV 6 (20X10)R C1 WH/BK - Cable marking flags



1116190

<https://www.phoenixcontact.com/us/products/1116190>

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Cable marking flags, Roll, white/black, unmarked, can be labeled with: THERMOMARK GO, cable diameter range: 1 ... 6 mm, mounting type: adhesive, Number of individual labels: 145, text field height: 10 mm, text field width: 20 mm

Product description

MM-WML-Flag polyolefin self-adhesive labels are available as prepunched material for wire marking. There are both horizontal and vertical versions.

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 self-adhesive cable marking flag can be printed on both sides
- 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	1116190
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG221E
GTIN	4063151042202
Weight per piece (including packing)	69.2 g
Weight per piece (excluding packing)	55 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	145
Number of individual labels per row	1
Identification technology	Thermal transfer

Dimensions

Width	20 mm
Height	50 mm

Material specifications

Foil strength	89 µm
Adhesive strength	34 µm
Adhesive	Acrylic
Color	multicolored (RAL -)
	white (RAL 9010)
	black (RAL 9005)
Material	Polyolefine
Components	free from silicone, halogen, and cadmium

Cable/line

External cable diameter	1 mm ... 6 mm
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Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

Result	Test passed
Specification	DIN EN ISO 1518-1:2019-10 (following)
Requirements	≥ 5 N
Result	Test passed

Tesafilm test

Specification	DIN EN ISO 2409:2013 (following)
Result	Test passed

UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.

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Weathering-resistance

Specification	ISO 4892-2:2013-03
Result	Test passed
Test duration	1000 h
Procedure	A

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 100 °C (121 °C)	Test passed

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-01):2020-03
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropyl [CAS No. 67-63-0]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
IRM 901	Test passed

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

Specification	DIN 50018:2013-05
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed

Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (assembly)	5 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)

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Shelf life	24 months
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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/1116190>



cULus Recognized

Approval ID: MH48542

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Classifications

ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

ETIM

ETIM 9.0	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
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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