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

1116143

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CRA-READY



Cable marking flags, white (RAL 9010), 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, The product is being prepared for compliance with the Cyber Resilience Act (CRA)

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

ELEKTROGERÄTE RÜCKNAHME

Commercial data

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Item number	1116143
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG221E
GTIN	4063151040444
Weight per piece (including packing)	68.16 g
Weight per piece (excluding packing)	66 g
Customs tariff number	39173200
Country of origin	CN

Technical data

Notes

Note on application

Note on application	As things stand now, we are preparing the product so that, as of December 11, 2027, it will comply with the requirements of the EU Cyber Resilience Act (CRA) based on the information currently available regarding the CRA.

Product properties

Product type	Conductor marker
Special properties	The product is being prepared for compliance with the Cyber Resilience Act (CRA)

Marking

Number of individual labels	145
Number of individual labels per row	1
Identification technology	Thermal transfer

Dimensions

Width	20 mm
Height	50 mm

Text field

Text field width	20 mm
Text field height	10 mm

Material specifications

Foil strength	89 µm
Adhesive strength	34 µm
Adhesive	Acrylic
Color (Label)	white (RAL 9010)
Color (Marking text)	black (RAL 9005)
Base element material	polyolefine
Components	Silicone-free

Cable/line

External cable diameter	1 mm ... 6 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °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)

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

Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364:2018-05
Result	Test passed

Scratch resistance

Specification	EN ISO 1518-1:2023 (following)
Requirements	≥ 5 N
Result	Test passed

Tesafilm test

Specification	DIN EN ISO 2409:2020-12 (following)
Result	Test passed

UV resistance

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

Weathering-resistance

Specification	DIN EN ISO 4892-2:2021-11
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)
Isopropanol (99%) [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

Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Saltwater (saturated 350 g/l) [CAS No. -]	Test passed
IRM 901	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
Test duration	96 h

Mounting

Mounting type	adhesive

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1116143

cULus Recognized
Approval ID: MH48542

Classifications

ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

ETIM

ETIM 10.0	EC001530

UNSPSC

UNSPSC 21.0	39131500

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%

EF3.1 Climate Change

CO2e kg	3.505 kg CO2e

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