

MM-EMLF (EX18)R C1 OG/BK - Label, highly flexible



0803957

<https://www.phoenixcontact.com/us/products/0803957>

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Label, highly flexible, Roll, orange (RAL 2003), unmarked, can be labeled with: THERMOFOX, THERMOMARK GO, THERMOMARK GO.K, mounting type: adhesive, roll length: 8 m, text field height: 16 mm, text field width: 8000 mm

Your advantages

- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing
- The self-adhesive material in continuous format is particularly suitable for the professional and permanent marking of various components and equipment in control cabinet, controller, and systems manufacturing
- Thanks to the continuous format, a label of the appropriate length can be created flexibly for the relevant application
- Easy and efficient material cartridge system: Includes both the material to be printed and the corresponding ink ribbon



Commercial data

Item number	0803957
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG241E
GTIN	4055626212340
Weight per piece (including packing)	79.7 g
Weight per piece (excluding packing)	76.6 g
Customs tariff number	96121010
Country of origin	CN

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Technical data

Product properties

Product type	Device marker
Product property	Highly flexible

Marking

Identification technology	Thermal transfer
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Dimensions

Length of roll	8.00 m
Height	18 mm
Depth	0.07 mm

Text field

Text field width	8000 mm
Text field height	16 mm

Material specifications

Foil strength	70 µm
Adhesive	Acrylic
Color (Label)	orange (RAL 2003)
Color ()	black (RAL 9005)
Base element material	Vinyl polymer
Components	Free from silicone and cadmium

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 75 °C
Recommended ambient temperature (storage/transport)	20 °C
Recommended humidity (storage/transport)	45 % ... 55 % (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)	VDMA 24364-A1-L:2018-05
Result	Test passed

UV resistance

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

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)

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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

Mounting

Mounting type	adhesive
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Classifications

ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

ETIM

ETIM 10.0	EC001288
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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	1.394 kg CO2e
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