

# MM-EML (EX12)R C1 WH/BK - Label



0803971

<https://www.phoenixcontact.com/us/products/0803971>

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Label, Roll, white/black, unmarked, can be labeled with: THERMOFOX, THERMOMARK GO, THERMOMARK GO.K, mounting type: adhesive, roll length: 8 m, text field height: 10 mm, text field width: 8000 mm

## Product description

The MM-EML... polyester self-adhesive labels are available as continuous media for equipment marking.

## Your advantages

- The material is cUL certified
- 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
- Easy and efficient material cartridge system: Includes both the material to be printed and the corresponding ink ribbon
- Thanks to the continuous format, a label of the appropriate length can be created flexibly for the relevant application

## Commercial data

Item number	0803971
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG241E
GTIN	4055626212470
Weight per piece (including packing)	61 g
Weight per piece (excluding packing)	58.1 g
Customs tariff number	96121010
Country of origin	CN

## Technical data

### Product properties

Product type	Gerätemarker
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### Marking

Identification technology	Thermal transfer
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### Dimensions

Length of roll	8.00 m
Height	12 mm
Depth	0.06 mm

### Material specifications

Foil strength	50 µm
Color	multicolored (RAL -)
	white (RAL 9010)
	black (RAL 9005)
Material	Polyester
Components	free from silicone, halogen, and cadmium

### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

Result	Test passed
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#### 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.

#### Weathering-resistance

Specification	ISO 4892-2:2013-03
Result	Test passed
Test duration	1500 h

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Procedure	A
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## Outdoor exposure

Specification	DIN EN ISO 877-2 (2011-03-00)
Result	Test passed
Test duration	8760 h
Procedure	A

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 150 °C (180 °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
n-Hexane [CAS No. 110-54-3]	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
Specification	ISO 175:2010 (following)
Test duration	168 h
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	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
Test duration	96 h

## Ambient conditions

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Ambient temperature (operation)	-40 °C ... 150 °C
Ambient temperature (assembly)	> -4 °C
Recommended ambient temperature (storage/transport)	22 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)
Shelf life	24 months

## 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/0803971>



**cULus Recognized**

Approval ID: MH48542

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## Classifications

### ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

### ETIM

ETIM 9.0	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
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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