

# MM-EML (20X8)R C1 WH/BK - Label



1116204

<https://www.phoenixcontact.com/us/products/1116204>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Label, Roll, Mixed color, unmarked, can be labeled with: THERMOMARK GO, mounting type: adhesive, Number of individual labels: 297, text field height: 8 mm, text field width: 20 mm

## Product description

The MM-EML... polyester self-adhesive labels are available as pre-punched material for equipment marking.

## Your advantages

- The pre-punched self-adhesive labels are particularly suitable for the professional and permanent marking of various components and equipment in control cabinet, controller, and systems manufacturing
- The material is cUL certified
- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing
- 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 pre-punched geometry enables easy and convenient use
- Thanks to the innovative material composition, each label can be printed which results in zero wastage

## Commercial data

Item number	1116204
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG241E
GTIN	4063151040987
Weight per piece (including packing)	67.5 g
Weight per piece (excluding packing)	54 g
Customs tariff number	96121010
Country of origin	CN

## Technical data

### Product properties

Product type	Device marker
--------------	---------------

### Marking

Number of individual labels	297
Identification technology	Thermal transfer

### Dimensions

Width	20.00 mm
Height	8.00 mm
Depth	0.06 mm

### Text field

Text field width	20 mm
Text field height	8 mm

### Material specifications

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

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °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)

#### 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)
---------------	--------------------------------

# MM-EML (20X8)R C1 WH/BK - Label



1116204

<https://www.phoenixcontact.com/us/products/1116204>

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	1500 h
Procedure	A

## 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)
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
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed

# MM-EML (20X8)R C1 WH/BK - Label



1116204

<https://www.phoenixcontact.com/us/products/1116204>

Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Methylethylketone (MEK) [CAS No. 78-93-3]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed
IRM 903	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

## Standards and regulations

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

## Mounting

Mounting type	adhesive
---------------	----------

# MM-EML (20X8)R C1 WH/BK - Label



1116204

<https://www.phoenixcontact.com/us/products/1116204>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1116204>



**cULus Recognized**  
Approval ID: MH48542

# MM-EML (20X8)R C1 WH/BK - Label



1116204

<https://www.phoenixcontact.com/us/products/1116204>

## Classifications

### ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

### ETIM

ETIM 10.0	EC001288
-----------	----------

### UNSPSC

UNSPSC 21.0	39131500
-------------	----------

1116204

<https://www.phoenixcontact.com/us/products/1116204>

## 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	3.117 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)