

EML-EX (10X4)R - Label



0803251

<https://www.phoenixcontact.com/us/products/0803251>

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, white, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, Number of individual labels: 10000, text field height: 4 mm, text field width: 10 mm

Your advantages

- The EML...-EX self-adhesive device markers are designed for the identification of various types of equipment in areas where extreme resistance to chemicals is required
- The marking meets the requirements regarding legibility, adhesion, and wipe resistance as stipulated in industries such as the process industry and process engineering due to the presence of extreme chemicals
- These labels meet the requirements for wipe resistance in accordance with DIN EN 61010-1 against aggressive media such as acetone, ethanol, and MEK
- Thanks to the special surface and adhesive, the marker meets the demanding requirements of process engineering
- In conjunction with the TM-RIBBON 110-EX ink ribbon, the marking is resistant to solvents and suitable for use even under harsh industrial conditions
- Precise printing quality and good adhesive properties

Commercial data

Item number	0803251
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BG2611
Catalog page	Page 332 (C-3-2017)
GTIN	4046356937337
Weight per piece (including packing)	208.1 g
Weight per piece (excluding packing)	99.99 g
Country of origin	PL

Technical data

Product properties

Product type	Device marking
Product property	highly resistant to chemicals

Marking

Number of individual labels	10000
Number of individual labels per row	8
Identification technology	Thermal transfer for rolls

Mounting

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

Material specifications

RoHS compliant	yes
Foil strength	50 µm
Adhesive strength	46 µm
Adhesive	Acrylic
Color	white (RAL 9010)
Material	Polyester
Components	free from silicone and halogen

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

Result	Test passed
--------	-------------

UV resistance

Specification	ISO 4892-2:2013-03 (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)
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed

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

Specification	DIN 50018:2013-05 (following)
---------------	-------------------------------

EML-EX (10X4)R - Label



0803251

<https://www.phoenixcontact.com/us/products/0803251>

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 ... 150 °C
Ambient temperature (assembly)	> 5 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %
Shelf life	2 years

Dimensions

Width	10 mm
Length	4 mm

Text field

Text field width	10 mm
Text field height	4 mm

Standards and regulations

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

EML-EX (10X4)R - Label

0803251
<https://www.phoenixcontact.com/us/products/0803251>



Classifications

ECLASS

ECLASS-13.0	27281103
-------------	----------

ETIM

ETIM 9.0	EC001288
----------	----------

UNSPSC

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

EML-EX (10X4)R - Label



0803251
<https://www.phoenixcontact.com/us/products/0803251>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - 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