

MM-EMLF (EX24)R C1 YE/BK - Label, highly flexible



0803944

<https://www.phoenixcontact.com/us/products/0803944>

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, highly flexible, Roll, Mixed color, unmarked, can be labeled with: THERMOFOX, THERMOMARK GO, THERMOMARK GO.K, mounting type: adhesive, roll length: 8 m, text field height: 22 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
- The material is cUL certified



Commercial data

Item number	0803944
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG241E
GTIN	4055626212234
Weight per piece (including packing)	86 g
Weight per piece (excluding packing)	81.7 g
Customs tariff number	96121010
Country of origin	CN

MM-EMLF (EX24)R C1 YE/BK - Label, highly flexible



0803944

<https://www.phoenixcontact.com/us/products/0803944>

Technical data

Product properties

Product type	Device marker
Product property	Highly flexible

Marking

Identification technology	Thermal transfer
---------------------------	------------------

Dimensions

Length of roll	8.00 m
Height	24 mm
Depth	0.07 mm

Text field

Text field width	8000 mm
Text field height	22 mm

Material specifications

Foil strength	70 µm
Adhesive	Acrylic
Color	multicolored (RAL -) yellow (RAL 1018) black (RAL 9005)
Material	Vinyl polymer
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)	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

UV resistance

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

Wipe resistance of inscriptions

MM-EMLF (EX24)R C1 YE/BK - Label, highly flexible



0803944

<https://www.phoenixcontact.com/us/products/0803944>

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
	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

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

Standards and regulations

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

Mounting

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

MM-EMLF (EX24)R C1 YE/BK - Label, highly flexible



0803944

<https://www.phoenixcontact.com/us/products/0803944>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0803944>



cULus Recognized
Approval ID: MH48542

MM-EMLF (EX24)R C1 YE/BK - Label, highly flexible



0803944

<https://www.phoenixcontact.com/us/products/0803944>

Classifications

ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

ETIM

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

UNSPSC

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

MM-EMLF (EX24)R C1 YE/BK - Label, highly flexible



0803944

<https://www.phoenixcontact.com/us/products/0803944>

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	1.292 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