

# MM-EMLF (EX12)R C1 RD/WH - Label, highly flexible



0803960

<https://www.phoenixcontact.com/us/products/0803960>

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, red/white, unlabeled, can be labeled with: THERMOFOX, THERMOMARK GO, THERMOMARK GO.K, mounting type: adhesive, lettering field size: continuous x 10 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	0803960
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG241E
Catalog page	Page 48 (C-3-2019)
GTIN	4055626212371
Weight per piece (including packing)	61.5 g
Weight per piece (excluding packing)	59.2 g
Customs tariff number	96121010
Country of origin	CN

# MM-EMLF (EX12)R C1 RD/WH - Label, highly flexible



0803960

<https://www.phoenixcontact.com/us/products/0803960>

## Technical data

### Product properties

Product type	Device marking
Product property	highly flexible

### Marking

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

### Mounting

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

### Material specifications

RoHS compliant	yes
Adhesive	Acrylic
Color	red/white
Material	Vinyl polymer
Components	Free from silicone and cadmium

### 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)
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

#### 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
---------------	---------------------------

# MM-EMLF (EX12)R C1 RD/WH - Label, highly flexible



0803960

<https://www.phoenixcontact.com/us/products/0803960>

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

## Ambient conditions

Ambient temperature (operation)	-20 °C ... 75 °C
Recommended storage conditions	20°C/50% relative humidity. Storage in the original packaging is recommended.
Recommended ambient temperature (storage/transport)	20 °C
Recommended humidity (storage/transport)	50 %
Shelf life	24 months

## Dimensions

Width	12 mm
Length	8 m

## Standards and regulations

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

# MM-EMLF (EX12)R C1 RD/WH - Label, highly flexible



0803960

<https://www.phoenixcontact.com/us/products/0803960>

## Classifications

### ECLASS

ECLASS-11.0	27281103
ECLASS-12.0	27281103
ECLASS-13.0	27281103

### ETIM

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

### UNSPSC

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

# MM-EMLF (EX12)R C1 RD/WH - Label, highly flexible



0803960

<https://www.phoenixcontact.com/us/products/0803960>

## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2024 © - 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)