

# EMLC (5,5X40)R - Fabric label



0817620

<https://www.phoenixcontact.com/us/products/0817620>

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.



Fabric label, Roll, white, unmarked, 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: 5000, text field height: 5.5 mm, text field width: 40 mm

## Your advantages

- The EMLC label consists of a textile foil with very low restoring forces
- Enables labels to be stuck over edges and curves
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- Labeling service: Phoenix Contact can custom-label all EMLC ... markers in accordance with your requirements

## Commercial data

Item number	0817620
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BG2411
GTIN	4046356124171
Weight per piece (including packing)	361.2 g
Weight per piece (excluding packing)	359.8 g
Country of origin	CN

# EMLC (5,5X40)R - Fabric label



0817620

<https://www.phoenixcontact.com/us/products/0817620>

## Technical data

### Product properties

Product type	Gerätemarker
Product property	Low restoring force

### Marking

Number of individual labels	5000
Number of individual labels per row	12
Identification technology	Thermal transfer

### Dimensions

Width	40.00 mm
Height	5.50 mm
Depth	0.15 mm

### Material specifications

Foil strength	130 µm
Adhesive strength	28 µm
Adhesive	Acrylic
Color	white (RAL 9010)
Material	PA
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
--------	-------------

#### 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.
Specification	IEC 60068-2-78:2012-10 (following)
Result	Test passed

# EMLC (5,5X40)R - Fabric label



0817620

<https://www.phoenixcontact.com/us/products/0817620>

Duration	96 h
Temperature for testing	40 °C
Relative humidity	93 %

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 125 °C (150 °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
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Specification	ISO 175:2010 (following)
Test duration	168 h
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

Ambient temperature (operation)	0 °C ... 125 °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)
Shelf life	2 years

## Standards and regulations

# EMLC (5,5X40)R - Fabric label



0817620

<https://www.phoenixcontact.com/us/products/0817620>

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

## Mounting

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

# EMLC (5,5X40)R - Fabric label



0817620

<https://www.phoenixcontact.com/us/products/0817620>

## Classifications

### ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

### ETIM

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

### UNSPSC

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

# EMLC (5,5X40)R - Fabric label



0817620

<https://www.phoenixcontact.com/us/products/0817620>

## 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](mailto:info@phoenixcon.com)