

EMLS (85X32)R SR - Safety label with special adhesive



0800356

<https://www.phoenixcontact.com/us/products/0800356>

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.



Safety label with special adhesive, Roll, 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: 250, text field height: 32 mm, text field width: 85 mm

Your advantages

- The EMLS is a tamper-proof label that can be used as a rating plate or a sealing label
- When detaching, a part of the metallized layer separates. It leaves a triangular pattern on the label and substrate. The safety function is reliable up to 80°C
- 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 EMLS ... markers according to your requirements
- The EMLS ... materials are UL-listed

Commercial data

Item number	0800356
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG16
Product key	BG2411
GTIN	4046356580427
Weight per piece (including packing)	217 g
Weight per piece (excluding packing)	217 g
Customs tariff number	39199080
Country of origin	PL

EMLS (85X32)R SR - Safety label with special adhesive



0800356

<https://www.phoenixcontact.com/us/products/0800356>

Technical data

Product properties

Product type	Device marker
Product property	tamper-proof

Marking

Number of individual labels	250
Number of individual labels per row	1
Identification technology	Thermal transfer

Dimensions

Width	85.00 mm
Height	32.00 mm
Depth	0.06 mm

Text field

Text field width	85 mm
Text field height	32 mm

Material specifications

Color	silver-colored
Base element material	Polyester
Components	free from silicone and halogen

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °C (Functionality of the "triangle symbol" up to approx. +80°C)
Recommended ambient temperature (storage/transport)	10 °C
Recommended humidity (storage/transport)	35 % ... 65 % (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)
Requirements	≥ 5 N
Result	Test passed

EMLS (85X32)R SR - Safety label with special adhesive



0800356

<https://www.phoenixcontact.com/us/products/0800356>

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.

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)
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
Ethanol (99 %) [CAS No. 64-17-5]	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

EMLS (85X32)R SR - Safety label with special adhesive



0800356

<https://www.phoenixcontact.com/us/products/0800356>

Test duration	96 h
---------------	------

Mounting

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

EMLS (85X32)R SR - Safety label with special adhesive



0800356

<https://www.phoenixcontact.com/us/products/0800356>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0800356>



cULus Recognized
Approval ID: MH48542

EMLS (85X32)R SR - Safety label with special adhesive



0800356

<https://www.phoenixcontact.com/us/products/0800356>

Classifications

ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

ETIM

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

UNSPSC

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

EMLS (85X32)R SR - Safety label with special adhesive



0800356

<https://www.phoenixcontact.com/us/products/0800356>

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 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