

EML-D (40X15)R SR - Label



1054877

<https://www.phoenixcontact.com/us/products/1054877>

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Label, detectable, Roll, silver, 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: 1000, text field height: 15 mm, text field width: 40 mm

Your advantages

- Self-adhesive EML-D ... device markers for marking various types of operating equipment in control, system, and control cabinet applications in the food industry
- The EML-D features a continuous aluminum foil strip that makes the label detectable
- Thanks to its great adhesive strength, this label can be placed on rough, textured, and low-energy surfaces
- When combined with the TM-RIBBON 110-EX ink ribbon, the printing is highly resistant to solvents, aggressive cleaning agents, acetone, and ethanol
- The material used has been tested and approved by ISEGA for use in the food industry

Commercial data

Item number	1054877
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG16
Product key	BG2411
GTIN	4055626691633
Weight per piece (including packing)	371 g
Weight per piece (excluding packing)	370 g
Customs tariff number	39269097
Country of origin	PL

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Technical data

Notes

General	Due to the differing detection properties of metal detectors, the installer/end user must check suitability for the actual application
General	Items are approved for smooth and textured stainless-steel surfaces as well as for surfaces that have been coated with hammer-finish paint.
Note on application	The rating plates, when used as intended, comply with the provisions of Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with foodstuffs as well as the German Food and Feed Code. The rating plates EML-D (...x..)R xx can be safely used for the identification of food processing machines.

Product properties

Product type	Gerätemarker
Product property	detectable

Marking

Number of individual labels	1000
Number of individual labels per row	1
Identification technology	Thermotransfer

Dimensions

Width	40.00 mm
Height	15.00 mm
Depth	0.10 mm

Material specifications

RoHS compliant	yes
Adhesive	Acrylic
Color	silver
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
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UV resistance

Specification	ISO 4892-2:2013-03
Result	Test passed
Procedure	Artificial irradiation.
Specification	IEC 60068-2-2:2007-07
Result	Test passed

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Procedure	Test Bb
Duration	96 h
Maximum temperature	100 °C

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

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

Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °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	6 months

Standards and regulations

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

Mounting type	adhesive
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Approvals

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cULus Recognized

Approval ID: MH48542

ISEGA

Approval ID: 61124 U 23

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Classifications

ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

ETIM

ETIM 9.0	EC001288
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UNSPSC

UNSPSC 21.0	39131500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

info@phoenixcon.com