# EML-HA (20X20)R SR - Label for rough surfaces

0830613

https://www.phoenixcontact.com/us/products/0830613

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.



The figure shows a version of the article

Label for rough surfaces, 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: 2500, text field height: 20 mm, text field width: 20 mm

## Your advantages

- The EML-HA … self-adhesive device markers are suitable for identification of various types of equipment in controller, system, and control cabinet building
- The EML-HA features a special adhesive with a very high bonding strength. This means it can be stuck onto rough, textured, and low-energy surfaces
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML-HA ... materials are UL-listed
- Marking service: Phoenix Contact can custom-mark all EML-HA ... markers according to your requirements

## Commercial data

| | |
|---|---|
| Item number | 0830613 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BG16 |
| Product key | BG2411 |
| GTIN | 4046356719674 |
| Weight per piece (including packing) | 370 g |
| Weight per piece (excluding packing) | 370 g |
| Customs tariff number | 39269092 |
| Country of origin | DE |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Device marker |

Marking

| | |
|---|---|
| Number of individual labels | 2500 |
| Number of individual labels per row | 4 |
| Identification technology | Thermotransfer |

### Dimensions

| | |
|---|---|
| Width | 20 mm |
| Length | 20 mm |

Text field

| | |
|---|---|
| Text field width | 20 mm |
| Text field height | 20 mm |

### Material specifications

| | |
|---|---|
| RoHS compliant | yes |
| Foil strength | 56 µm |
| Adhesive strength | 65 µm |
| Color | silver-colored |
| Material | Polyester |
| Components | free from silicone and halogen |

### Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 105 °C |

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 | 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) |
| Isopropanol (99%) [67-63-0] | Test passed |
| n-Hexane [CAS No. 110-54-3] | Test passed |

| | |
|---|---|
| Water + Petroleum ether<br>[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 |

## Standards and regulations

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

## Mounting

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

## 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