

# EML-D (40X15)R SR - Label



1054877

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

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Label, detectable, 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: 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) | 436 g         |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

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## Technical data

### Product properties

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

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 40 mm |
| Text field height | 15 mm |

### Material specifications

|                       |                                |
|-----------------------|--------------------------------|
| RoHS compliant        | yes                            |
| Adhesive              | Acrylic                        |
| Color                 | silver-colored                 |
| Material              | Polyester                      |
| Base element material | Polyester                      |
| Components            | free from silicone and halogen |

### Environmental and real-life conditions

#### Ambient conditions

|   |                   |
|---|-------------------|
| Ambient temperature (operation)                     | -40 °C ... 100 °C |
| Recommended ambient temperature (storage/transport) | 23 °C             |
| Recommended humidity (storage/transport)            | 50 %              |

#### 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 | DIN EN ISO 4892-2:2021-11 (following) |
| Result        | Test passed                           |
| Procedure     | Artificial irradiation.               |

#### Temperature storage

|               |                       |
|---------------|-----------------------|
| Specification | IEC 60068-2-2:2007-07 |
|---------------|-----------------------|

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|                     |             |
|---------------------|-------------|
| Result              | Test passed |
| Procedure           | Test Bb     |
| Duration            | 96 h        |
| Maximum temperature | 100 °C      |

## Wipe resistance of inscriptions

|   |  |
|---|--|
| Specification                                   | DIN EN 61010-1 (VDE 0411-01):2020-03<br>DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropanol (99%) [67-63-0]                     | Test passed  |
| n-Hexane<br>[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 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                                   |

## Standards and regulations

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

## Mounting

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

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## Approvals

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**cULus Recognized**

Approval ID: MH48542

**ISEGA**

Approval ID: 66894 U 26

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281103 |
| ECLASS-15.0 | 27281103 |

### ETIM

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

### UNSPSC

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

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## 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% |
|-------------------------------------|----------------------------|

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