

# EML-D (60X30)R SR - Label



1054879

<https://www.phoenixcontact.com/us/products/1054879>

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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: 30 mm, text field width: 60 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                          | 1054879       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BG16          |
| Product key                          | BG2411        |
| GTIN                                 | 4055626691640 |
| Weight per piece (including packing) | 817.2 g       |
| Weight per piece (excluding packing) | 22.22 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

## 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.<br>The rating plates EML-D (...x..)R xx can be safely used for the identification of food processing machines. |

### 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  | 60.00 mm |
| Height | 30.00 mm |
| Depth  | 0.10 mm  |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 60 mm |
| Text field height | 30 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 %              |

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## 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 |
| 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: 61124 U 23

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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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