

# EML-EX (100X40)R CUS - Label



0803268

<https://www.phoenixcontact.com/us/products/0803268>

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Label, Roll, white (RAL 9010), labeled, mounting type: adhesive, Number of individual labels: 1, text field height: 40 mm, text field width: 100 mm

## Your advantages

- The EML...-EX self-adhesive device markers are designed for the identification of various types of equipment in areas where extreme resistance to chemicals is required
- The marking meets the requirements regarding legibility, adhesion, and wipe resistance as stipulated in industries such as the process industry and process engineering due to the presence of extreme chemicals
- These labels meet the requirements for wipe resistance in accordance with DIN EN 61010-1 against aggressive media such as acetone, ethanol, and MEK
- Thanks to the special surface and adhesive, the marker meets the demanding requirements of process engineering
- When high-quality ink ribbons are used, the marking is resistant to solvents and suitable for use even under harsh industrial conditions.
- Precise printing quality and good adhesive properties

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 0803268                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | BG8151                         |
| GTIN                                 | 4046356939348                  |
| Weight per piece (including packing) | 1.22 g                         |
| Weight per piece (excluding packing) | 1.22 g                         |
| Country of origin                    | PL                             |

## Technical data

### Product properties

|                  |                               |
|------------------|-------------------------------|
| Product type     | Device marker                 |
| Product property | highly resistant to chemicals |

### Marking

|                                     |                |
|-------------------------------------|----------------|
| Number of individual labels         | 1              |
| Number of individual labels per row | 1              |
| Identification technology           | Thermotransfer |

### Dimensions

|        |           |
|--------|-----------|
| Width  | 100.00 mm |
| Height | 40.00 mm  |
| Depth  | 0.10 mm   |
| Length | 40 mm     |

### Text field

|                   |        |
|-------------------|--------|
| Text field width  | 100 mm |
| Text field height | 40 mm  |

### Material specifications

|                       |                                |
|-----------------------|--------------------------------|
| Foil strength         | 50 µm                          |
| Adhesive strength     | 46 µm                          |
| Adhesive              | Acrylic                        |
| Color                 | white (RAL 9010)               |
| Material              | Polyester                      |
| Base element material | Polyester                      |
| Components            | free from silicone and halogen |

### Environmental and real-life conditions

#### Ambient conditions

|   |   |
|---|---|
| Ambient temperature (operation)                     | > -40 °C ... 150 °C   |
| Recommended ambient temperature (storage/transport) | 23 °C   |
| Recommended humidity (storage/transport)            | 50 % (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          |

#### UV resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result        | Test passed                           |

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|               |                         |
|---------------|-------------------------|
| Test duration | 96 h                    |
| Procedure     | Artificial irradiation. |

## Wipe resistance of inscriptions

|               |  |
|---------------|--|
| Specification | DIN EN 61010-1 (VDE 0411-01):2020-03           |
|               | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |

## Standards and regulations

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

## Mounting

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

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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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