

# US-EMLP (27X8) SR - Plastic label



0828890

<https://www.phoenixcontact.com/us/products/0828890>

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Plastic label, Card, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: adhesive, Number of individual labels: 51, text field height: 8 mm, text field width: 27 mm



## Your advantages

- PVC material flammability rating V0 in accordance with UL 94
- The markers, which are supplied as uniform cards, can be labeled quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers and labels are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- The US-EMLP ... UniSheet labeling range includes self-adhesive device markers with good adhesive properties

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0828890       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG09          |
| Product key                          | BG2419        |
| GTIN                                 | 4046356558914 |
| Weight per piece (including packing) | 17.9 g        |
| Weight per piece (excluding packing) | 17.89 g       |
| Customs tariff number                | 39199080      |
| Country of origin                    | DE            |

## Technical data

### Product properties

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

### Marking

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Number of individual labels         | 51                                 |
| Number of individual labels per row | 3                                  |
| Identification technology           | Thermotransfer, UV-LED-Technologie |

### Dimensions

|        |          |
|--------|----------|
| Width  | 26.90 mm |
| Height | 7.93 mm  |
| Depth  | 0.55 mm  |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 27 mm |
| Text field height | 8 mm  |

### Material specifications

|                       |                |
|-----------------------|----------------|
| RoHS compliant        | yes            |
| Foil strength         | 500 µm         |
| Adhesive strength     | 50 µm          |
| Adhesive              | Acrylic        |
| Color                 | silver-colored |
| Material              | PVC            |
| Base element material | PVC            |
| Components            | Silicone-free  |

### Environmental and real-life conditions

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)                     | -30 °C ... 80 °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                           |
| Test duration | 96 h                                  |

#### Wipe resistance of inscriptions

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|   |  |
|---|--|
| 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<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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**CSA**

Approval ID: 70191766

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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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