

# US-EMLP (27X27) - Plastic label



0828801

<https://www.phoenixcontact.com/au/products/0828801>

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Plastic label, Card, white, unlabeled, 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: 15, text field height: 27 mm, text field width: 27 mm

## Your advantages

- The US-EMLP ... UniSheet labeling range includes self-adhesive device markers with good adhesive properties
- 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
- PVC material flammability rating V0 in accordance with UL 94

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0828801             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BG2419              |
| Product key                          | BG2419              |
| Catalog page                         | Page 315 (C-3-2019) |
| GTIN                                 | 4046356559010       |
| Weight per piece (including packing) | 18.237 g            |
| Weight per piece (excluding packing) | 16.067 g            |
| Customs tariff number                | 39199080            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                                     |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Product type                        | Device marking                                           |
| Marking                             |                                                          |
| Number of individual labels         | 15                                                       |
| Number of individual labels per row | 3                                                        |
| Identification technology           | Thermal transfer for sheets and cards, UV LED technology |

### Mounting

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

### Material specifications

|                   |                  |
|-------------------|------------------|
| RoHS compliant    | yes              |
| Foil strength     | 500 µm           |
| Adhesive strength | 50 µm            |
| Adhesive          | Acrylic          |
| Color             | white (RAL 9010) |
| Material          | PVC              |
| Components        | Silicone-free    |

### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

|        |             |
|--------|-------------|
| 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) |
| Isopropyl<br>[CAS No. 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 50018:2013-05 |
| Result        | Test passed       |
| Climate level | AHT 1.0 S         |
| Cycles        | 2                 |

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## Salt spray test

|               |                           |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result        | Test passed               |

## Ambient conditions

|                                                     |                                                                                                         |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -30 °C ... 80 °C                                                                                        |
| Ambient temperature (storage/transport)             | 10 °C ... 30 °C                                                                                         |
| Permissible humidity (storage/transport)            | 40 % ... 70 %                                                                                           |
| Recommended storage conditions                      | 23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended. |
| Recommended ambient temperature (storage/transport) | 23 °C                                                                                                   |
| Recommended humidity (storage/transport)            | 50 %                                                                                                    |
| Shelf life                                          | 12 months                                                                                               |

## Dimensions

|        |        |
|--------|--------|
| Width  | 27 mm  |
| Height | 0.5 mm |
| Length | 27 mm  |

## Text field

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

## Standards and regulations

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

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/0828801>



**CSA**

Approval ID: 70191766

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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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