

# US-EMLP-HA 24 (30X18/8) - Plastic label



0803876

<https://www.phoenixcontact.com/gb/products/0803876>

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Plastic label, with bore hole, 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: 6, text field height: 18 mm, text field width: 30 mm

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0803876             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BG2419              |
| Product key                          | BG2419              |
| Catalog page                         | Page 316 (C-3-2019) |
| GTIN                                 | 4055626173351       |
| Weight per piece (including packing) | 17.06 g             |
| Weight per piece (excluding packing) | 15 g                |
| Customs tariff number                | 39199080            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                  |                 |
|------------------|-----------------|
| Product type     | Device marking  |
| Product property | highly adhesive |

### Marking

|                                     |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Number of individual labels         | 6                                                        |
| Number of individual labels per row | 3                                                        |
| Identification technology           | Thermal transfer for sheets and cards, UV LED technology |

### Mounting

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

### Material specifications

|                   |                  |
|-------------------|------------------|
| Foil strength     | 500 µm           |
| Adhesive strength | 130 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 |
|--------|-------------|

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

|        |             |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

#### Scratch test for the determining scratch resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 1518-1:2019-10 (following) |
| Requirements  | ≥ 5 N                                 |
| Result        | Test passed                           |

#### Tesafilm test

|               |                                  |
|---------------|----------------------------------|
| Specification | DIN EN ISO 2409:2013 (following) |
| Result        | Test passed                      |

#### UV resistance

|               |                                |
|---------------|--------------------------------|
| Specification | ISO 4892-2:2013-03 (following) |
| Result        | Test passed                    |
| Test duration | 96 h                           |

#### Temperature resistance

|               |                                 |
|---------------|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h                           |

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|                        |             |
|------------------------|-------------|
| Rating 100 °C (121 °C) | Test passed |
|------------------------|-------------|

## 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                                    |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                    |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                    |
| Specification                                     | ISO 175:2010 (following)                       |
| Test duration                                     | 168 h                                          |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                    |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                    |
| IRM 901                                           | Test passed                                    |
| IRM 902                                           | 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                 |

## Salt spray test

|               |                           |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result        | Test passed               |
| Test duration | 96 h                      |

## Ambient conditions

|                                                     |                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -30 °C ... 80 °C                                                                |
| Recommended ambient temperature (storage/transport) | 20 °C                                                                           |
| Recommended humidity (storage/transport)            | 50 % (Storage in a dry and dark place in the original packaging is recommended) |
| Shelf life                                          | 1 Year                                                                          |

## Dimensions

|                   |         |
|-------------------|---------|
| Width             | 30 mm   |
| Length            | 66 mm   |
| Material strength | 0.63 mm |

## Text field

|                  |       |
|------------------|-------|
| Text field width | 30 mm |
|------------------|-------|

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|                   |       |
|-------------------|-------|
| Text field height | 18 mm |
|-------------------|-------|

## Standards and regulations

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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27281103 |
| ECLASS-12.0 | 27281103 |
| 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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