

US-EMLP-HA (60X30) - Plastic label



0830990

<https://www.phoenixcontact.com/us/products/0830990>

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Plastic label, Card, white (RAL 9010), 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: 4, text field height: 30 mm, text field width: 60 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 | 0830990 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG09 |
| Product key | BG2419 |
| GTIN | 4046356949606 |
| Weight per piece (including packing) | 20.05 g |
| Weight per piece (excluding packing) | 18.75 g |
| Customs tariff number | 39199080 |
| Country of origin | DE |

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Technical data

Product properties

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

Marking

| | |
|-------------------------------------|------------------------------------|
| Number of individual labels | 4 |
| Number of individual labels per row | 1 |
| Identification technology | Thermotransfer, UV-LED-Technologie |

Dimensions

| | |
|--------|----------|
| Width | 59.70 mm |
| Height | 29.80 mm |
| Depth | 0.63 mm |

Text field

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

Material specifications

| | |
|----------------------------------------|------------------|
| Foil strength | 500 µm |
| Adhesive strength | 130 µm |
| Adhesive | Acrylic |
| Color | white (RAL 9010) |
| Material | PVC |
| Flammability rating according to UL 94 | V0 |
| 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) | 20 °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) | VDMA 24364-A1-L:2018-05 |
| Result | Test passed |

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 |

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Scratch resistance

| | |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements | ≥ 5 N |
| Result | Test passed |

Tesafilm test

| | |
|---------------|-------------------------------------|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result | Test passed |

UV resistance

| | |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result | Test passed |
| Test duration | 96 h |
| Procedure | Artificial irradiation. |

Temperature resistance

| | |
|------------------------|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| 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) |
| Isopropanol (99%) [67-63-0] | Test passed |
| n-Hexane [CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether [CAS No. 64742-82-1] | Test passed |
| Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] | Test passed |
| Ethanol (99 %) [CAS No. 64-17-5] | Test passed |

Immersion in chemicals, oil & fuel

| | |
|---------------------------------------------------|--------------------------|
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |
| Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] | Test passed |
| Saltwater (saturated 350 g/l) [CAS No. -] | Test passed |
| Ethanol (99 %) [CAS No. 64-17-5] | Test passed |
| IRM 901 | Test passed |
| IRM 902 | Test passed |
| IRM 903 | Test passed |

Testing in a condensation changing climate in the presence of sulfur dioxide

| | |
|---------------|--------------------------|
| Specification | DIN EN ISO 22479:2022-08 |
|---------------|--------------------------|

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| | |
|-----------|-------------|
| 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 |
| Test duration | 96 h |

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

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|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.054 kg CO2e |
|---------|---------------|

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