

# US-EMLP-HA (20X9) - Plastic label



0830989

<https://www.phoenixcontact.com/us/products/0830989>

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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: 70, text field height: 9 mm, text field width: 20 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	0830989
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG09
Product key	BG2419
GTIN	4046356949590
Weight per piece (including packing)	19.56 g
Weight per piece (excluding packing)	19.03 g
Customs tariff number	39199080
Country of origin	DE

## Technical data

### Product properties

Product type	Device marker
Product property	highly adhesive

### Marking

Number of individual labels	70
Number of individual labels per row	5
Identification technology	Thermotransfer, UV-LED-Technologie

### Dimensions

Width	20.00 mm
Height	9.00 mm
Depth	0.63 mm

### Text field

Text field width	20 mm
Text field height	9 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)
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## Mounting

Mounting type	adhesive
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## Classifications

### ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

### ETIM

ETIM 10.0	EC001288
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### UNSPSC

UNSPSC 21.0	39131500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.054 kg CO2e
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