

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



0830989

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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: 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	BG2419
Product key	BG2419
Catalog page	Page 316 (C-3-2019)
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

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



0830989

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

Technical data

Product properties

Product type	Device marking
Product property	highly adhesive

Marking

Number of individual labels	70
Number of individual labels per row	5
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
Flammability rating according to UL 94	V0
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)
---------------	---------------------------------

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



0830989

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

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)
Isopropyl [CAS No. 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
Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [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	20 mm
Height	0.5 mm
Length	9 mm

Text field

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



0830989

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

Text field width	20 mm
Text field height	9 mm

Standards and regulations

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

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



0830989

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

Classifications

ECLASS

ECLASS-11.0	27281103
ECLASS-12.0	27281103
ECLASS-13.0	27281103

ETIM

ETIM 9.0	EC001288
----------	----------

UNSPSC

UNSPSC 21.0	39131500
-------------	----------

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



0830989

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

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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk