

LS-EMLP (27X8) WH - Device marker



0831688

<https://www.phoenixcontact.com/us/products/0831688>

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.

Device marker, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, Number of individual labels: 120, text field height: 8 mm, text field width: 27 mm



Your advantages

- Stick-on device marking
- Prefabricated device markers in the proven laser-sheet format for ideal positioning in the marking device
- Very high contrast due to the white top layer with black marking

Commercial data

Item number	0831688
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG19
Product key	BG241D
GTIN	4046356926195
Weight per piece (including packing)	36.62 g
Weight per piece (excluding packing)	36.62 g
Customs tariff number	39203000
Country of origin	DE

Technical data

Product properties

Product type	Device marking
Type	Laser sheet

Marking

Number of individual labels	120
Identification technology	Direct laser marking

Mounting

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

Material specifications

Foil strength	800 µm
Adhesive strength	50 µm
Adhesive	Acrylic
Color	white (RAL 9010)
Material	ABS
Components	free from silicone and halogen

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	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

Weathering-resistance

Specification	DIN EN ISO 4892-2:2021-11
Result	Test passed
Test duration	6000 h

LS-EMLP (27X8) WH - Device marker



0831688

<https://www.phoenixcontact.com/us/products/0831688>

Procedure	A
-----------	---

Temperature resistance

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

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-01):2020-03 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
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed

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

Specification	EN ISO 22479:2022-06
Result	Test passed
Procedure	Method B
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)	-20 °C ... 60 °C
Recommended ambient temperature (storage/transport)	23 °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	27 mm
Length	8 mm

LS-EMLP (27X8) WH - Device marker



0831688

<https://www.phoenixcontact.com/us/products/0831688>

Material strength	0.80 mm
-------------------	---------

Text field

Text field width	27 mm
Text field height	8 mm

Standards and regulations

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

LS-EMLP (27X8) WH - Device marker



0831688

<https://www.phoenixcontact.com/us/products/0831688>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

LS-EMLP (27X8) WH - Device marker



0831688

<https://www.phoenixcontact.com/us/products/0831688>

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 USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com