LS-EML (180X180) BK-WH - Device marker

0831784

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Device marker, Sheet, Mixed color, unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, Number of individual labels: 1, text field height: 180 mm, text field width: 180 mm

Your advantages

- Laser foil, for custom label design
- Suitable for large markings of up to 180 x 180 mm
- The user can customize the desired size and form of the labels using the laser marker
- Stick-on device marking

Commercial data

Item number	0831784
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG19
Product key	BG241D
GTIN	4046356927154
Weight per piece (including packing)	9.84 g
Weight per piece (excluding packing)	7.44 g
Customs tariff number	39199080
Country of origin	DE

Technical data

Product properties

Product type	Device marker

Marking

Number of individual labels	1
Identification technology	Direct laser marking

Dimensions

Width	180 mm
Length	180 mm

Text field

Text field width	180 mm
Text field height	180 mm

Material specifications

Foil strength	55 µm
Adhesive strength	28 µm
Adhesive	Acrylic
Color	multicolored (RAL -)
	black (RAL 9005)
	white (RAL 9010)
Material	Polyacrylate
Components	free from silicone and halogen

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 200 °C
Recommended ambient temperature (storage/transport)	15 °C
Recommended humidity (storage/transport)	40 % ... 60 % (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)	VW PV 3.10.7:2005-02
Result	Test passed

Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364:2018-05
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
Procedure	Artificial irradiation.

Temperature storage

Specification	IEC 60068-2-2:2007-07
Result	Test passed
Procedure	Test Bb
Duration	168 h
Temperature for testing	200 °C

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 150 °C (180 °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
Acetone (99 %) [CAS No. 67-64-1]	Test passed

Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Saltwater (saturated 350 g/l) [CAS No. -]	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 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

Standards and regulations

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

Mounting

Mounting type	adhesive

Classifications

ECLASS

ECLASS-13.0	27281103

ETIM

ETIM 9.0	EC001288

UNSPSC

UNSPSC 21.0	39131500

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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