

## Equipment marking - EML-ESD (45X5)RL-T - 0830586

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Equipment marking, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK ROLL X1, Mounting type: Adhesive, Lettering field: 45 x 5 mm

The figure shows a version of the article

### Product Features

- Stick-on device marking, for ESD applications
- Static dissipative adhesive: prevents transmission of voltage and protects the component against electrostatic discharge
- Safe marking for sensitive components on PCBs

### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	740.0 g
Custom tariff number	39199000
Country of origin	Germany

### Technical data

#### Dimensions

Length (b)	45 mm
Width (a)	5 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °C
Ambient temperature (assembly)	> 4 °C
Recommended storage conditions	22 °C / 50 % relative humidity

#### General

Color	white
Components	free from silicone and halogen
Material	Polyester
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Number of individual labels	10000

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### Technical data

#### General

Number of individual labels per row	1
RoHS compliant	Yes
Adhesive	Acrylic
File number	UL-MH48542 / PC-026
Printability	Thermal transfer
Device	5146477 THERMOMARK ROLL
	5146723 THERMOMARK ROLL X1
	5146231 THERMOMARK X1.2
	5146257 THERMOMARK S1.1
Ink ribbon	5145384 THERMOMARK-RIBBON 110
Test for substances that would hinder coating with paint or varnish	VW PV 3.10.7:2005-02
Result	Test passed
Test specification weathering-resistance	Following ISO 4892-2:2013-03
Test duration	96 h
Wipe resistance test result	Test passed
Salt spray test specification	DIN EN 60068-2-11:2000-02
Test duration	96 h
Salt spray testing result	Test passed
Alternating condensation climate with SO2 test specification	Following DIN 50018:2013-05
Climate level	AHT 1.0 S
Cycles	2
Condensation test result	Test passed
Wipe resistance of test specification inscriptions	DIN EN 61010-1 (VDE 0411-1):2011-07
Result	Test passed
Foil strength	52 µm
Adhesive strength	24 µm
Marking mounting type	Adhesive

#### Standards and Regulations

Connection in acc. with standard	UL
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)

#### Classifications

##### eCl@ss

eCl@ss 4.0	24190219
eCl@ss 4.1	24190219
eCl@ss 5.0	27149103

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### Classifications

#### eCl@ss

eCl@ss 5.1	27141137
eCl@ss 6.0	27141137
eCl@ss 7.0	27141137
eCl@ss 8.0	27149129

#### ETIM

ETIM 3.0	EC000761
ETIM 4.0	EC000761
ETIM 5.0	EC001288

#### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

### Approvals

#### Approvals

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Approvals

UL Recognized

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Ex Approvals

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Approvals submitted

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#### Approval details

UL Recognized 
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