

## Label - EML-EX (20X8)R - 0803254

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Label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, mounting type: adhesive, lettering field size: 20 mm x 8 mm, Number of individual labels: 2500

### Your advantages

- ✓ The EML...-EX self-adhesive device markers have been specifically developed for marking various types of equipment in the Ex area
- ✓ The marking requirements in terms of legibility, adhesion, and wipe resistance in potentially explosive areas (ATEX), according to IEC/EN 60079-0, can also be ensured following storage in typical gas atmospheres. Phoenix Contact developed these labels especially for process engineering, which is where these requirements typically arise.
- ✓ These labels meet the requirements for wipe resistance according to DIN EN 61010-1 against aggressive media such as acetone, ethanol, and MEK
- ✓ They are only suitable in conjunction with the TM- RIBBON110-EX
- ✓ Thanks to the special surface and adhesive, the marker meets the demanding requirements of process engineering
- ✓ A wide range of marker sizes and colors are available for custom designs
- ✓ If high-quality ink ribbons are used, the labeling is resistant to solvents and suitable for use even under harsh industrial conditions
- ✓ Precise printing quality and good adhesive properties
- ✓ The special packaging protects rolls that have already been started from the dirt found in industrial environments
- ✓ The EML ... self-adhesive device markers have been specifically developed for marking various types of operating equipment in control, system, and control cabinet engineering



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 939072
GTIN	4046356939072
Weight per Piece (excluding packing)	99.990 g
Custom tariff number	39269097
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

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## Technical data

### Dimensions

Length (b)	8 mm
Width (a)	20 mm

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °C
Recommended storage conditions	23 °C / 50% relative humidity. Storage in the original packaging is recommended prior to processing.

### General

Color	white
Components	free from silicone and halogen
Material	Polyester
RoHS compliant	Yes
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Number of individual labels	2500
Number of individual labels per row	4
Adhesive	Acrylic
Printability	Thermal transfer
Device	5146477 THERMOMARK ROLL
Ink ribbon	0803211 TM-RIBBON 110-EX
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
Result of weather resistance test	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 of wipe resistance test	Test passed
Foil strength	50 µm
Adhesive strength	46 µm
Marking mounting type	adhesive

### Standards and Regulations

Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
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### Environmental Product Compliance

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## Technical data

### Environmental Product Compliance

China RoHS	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## Classifications

### eCl@ss

eCl@ss 10.0.1	27400629
eCl@ss 5.0	27149100
eCl@ss 5.1	27371300
eCl@ss 6.0	27149100
eCl@ss 7.0	27149129
eCl@ss 8.0	27149129
eCl@ss 9.0	27400629

### ETIM

ETIM 4.0	EC000761
ETIM 5.0	EC001288
ETIM 6.0	EC001288
ETIM 7.0	EC001288

### UNSPSC

UNSPSC 13.2	39131504
UNSPSC 18.0	39131504
UNSPSC 19.0	39131504
UNSPSC 20.0	39131504
UNSPSC 21.0	39131504

## Accessories

### Accessories

#### Ink ribbon

Ink ribbon - TM-RIBBON 110-EX - 0803211



Ink ribbon, for roll printer for printing product group EML-EX..., width: 110 mm, color: black