

# Label for rough surfaces - EML-HA (26,5X12)R



0830603

<https://www.phoenixcontact.com/us/products/0830603>

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Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMaster 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: 26.5 x 12 mm, Number of individual labels: 2500

## Your advantages

- The EML-HA ... self-adhesive device markers are suitable for marking various types of equipment in control, system, and control cabinet manufacturing
- The EML-HA features a special adhesive with a very high bonding strength. This means it can be stuck onto rough, textured, and low-energy surfaces
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences. The marking is even suitable for use under harsh industrial conditions
- The EML-HA ... materials are UL-listed
- Marking service: Phoenix Contact can custom-mark all EML-HA ... markers according to your requirements

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## Commercial Data

Item number	0830603
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B12
Product Key	BG2411
Catalog Page	Page 334 (C-3-2019)
GTIN	4046356719575
Weight per Piece (including packing)	274.43 g
Weight per Piece (excluding packing)	270 g
Customs tariff number	39269097
Country of origin	DE

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## Technical Data

### Product properties

Product type	Device marking
Marking	
Number of individual labels	2500
Number of individual labels per row	3
Marking technology	
Device	1085260 THERMOMARK ROLL 2.0
	0804501 THERMOMARK ROLLMaster 300
	0804663 THERMOMARK ROLLMaster 600
Ink ribbon	5145384 THERMOMARK-RIBBON 110
Printability	Thermal transfer
File number	UL-MH48542 / EML-HA (...)R

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °C
Ambient temperature (assembly)	> 5 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.

### Mounting

Mounting type	adhesive
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### Material specifications

Color	white
RoHS compliant	Yes
Foil strength	50 µm
Material	Polyester
Components	free from silicone and halogen
Silicone-free	Yes

### Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

	VW PV 3.10.7:2005-02
Result	Test passed

UV resistance

Specification	Following ISO 4892-2:2013-03
Result	Test passed
Test duration	96 h

Wipe resistance of inscriptions

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Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)

## 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

## Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °C
Ambient temperature (assembly)	> 5 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.

## Dimensions

Width	26.5 mm
Length	12 mm

## Standards and regulations

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



**UL Recognized**

Approval ID: FILE MH 48542



**CSA**

Approval ID: 70191766

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## Classifications

### ECLASS

ECLASS-9.0	27400629
ECLASS-10.0.1	27400629
ECLASS-11.0	27281103

### ETIM

ETIM 8.0	EC001288
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### UNSPSC

UNSPSC 21.0	39131500
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## Accessories

### Ink ribbon

Ink ribbon - THERMOMARK-RIBBON 110 - 5145384

<https://www.phoenixcontact.com/us/products/5145384>



Ink ribbon, for roll printers for printing the product groups TML..., WML..., WML HF..., WML-FLAG..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP... and PMM..., width: 110 mm, color: black

### Ink ribbon

Ink ribbon - THERMOMARK-RIBBON 110/50 - 0800687

<https://www.phoenixcontact.com/us/products/0800687>



Ink ribbon, for roll printers for printing the product groups TML..., WML..., WML HF..., WML-FLAG..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP... and PMM..., width: 110 mm, color: black

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