

EML-HA (19X6)R - Label for rough surfaces



0830601

<https://www.phoenixcontact.com/us/products/0830601>

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Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMaster 300/600, THERMOMARK X1.2, mounting type: adhesive, lettering field size: 19 x 6 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 EML-HA ... materials are UL-listed
- Marking service: Phoenix Contact can custom-mark all EML-HA ... markers according to your requirements

Commercial Data

| | |
|--------------------------------------|---------------------|
| Item number | 0830601 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales Key | BG16 |
| Product Key | BG2411 |
| Catalog Page | Page 334 (C-3-2019) |
| GTIN | 4046356719452 |
| Weight per Piece (including packing) | 148.8 g |
| Weight per Piece (excluding packing) | 148.8 g |
| Customs tariff number | 39269097 |
| Country of origin | DE |

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Technical Data

Product properties

| | |
|------------------|-----------------|
| Product type | Device marking |
| Product property | highly adhesive |

Marking

| | |
|-------------------------------------|------|
| Number of individual labels | 2500 |
| Number of individual labels per row | 4 |

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 |

Mounting

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

Material specifications

| | |
|----------------|--------------------------------|
| RoHS compliant | yes |
| Foil strength | 50 µm |
| Color | white |
| Material | Polyester |
| 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 | DIN EN ISO 1518-1:2019-10 (following) |
| Requirements | ≥ 5 N |
| 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 |

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| | |
|---------------|------|
| Test duration | 96 h |
|---------------|------|

Weathering-resistance

| | |
|---------------|--------------------|
| Specification | ISO 4892-2:2013-03 |
| Result | Test passed |
| Test duration | 4500 h |
| Procedure | A |

Outdoor exposure

| | |
|---------------|-------------------------------|
| Specification | DIN EN ISO 877-2 (2011-03-00) |
| Result | Test passed |
| Test duration | 9048 h |

Temperature resistance

| | |
|------------------------|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| Rating 125 °C (150 °C) | Test passed |

Wipe resistance of inscriptions

| | |
|---------------|--|
| Specification | DIN EN 61010-1 (VDE 0411-01):2020-03 |
| | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |

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 |

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 150 °C |
| Ambient temperature (assembly) | > 15 °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 | 2 years |

Dimensions

| | |
|--------|-------|
| Width | 19 mm |
| Length | 6 mm |

Standards and regulations

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

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Approvals



CSA

Approval ID: 70191766



cULus Recognized

Approval ID: MH48542

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27281103 |
| ECLASS-12.0 | 27281103 |
| ECLASS-13.0 | 27281103 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC001288 |
|----------|----------|

UNSPSC

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

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Accessories

THERMOMARK ROLLMASTER 300 - Thermal transfer printer

0804501

<https://www.phoenixcontact.com/us/products/0804501>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

THERMOMARK ROLLMASTER 600 - Thermal transfer printer

0804663

<https://www.phoenixcontact.com/us/products/0804663>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

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THERMOMARK ROLL 2.0 - Thermal transfer printer

1085260

<https://www.phoenixcontact.com/us/products/1085260>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

THERMOMARK ROLL - Thermal transfer printer

5146477

<https://www.phoenixcontact.com/us/products/5146477>



Thermal transfer printer, 300 dpi, incl. European power cable, US power cable, and USB cable. DVD with CLIP PROJECT advanced planning and marking software, user manuals in various languages, Windows® printer driver, and firmware. German/English user manual in DIN A5 format, EML (20x8)R roll of labels, white, with 1000 labels, and ink ribbon: 50 m

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THERMOMARK X1.2 - Thermal transfer printer

5146231

<https://www.phoenixcontact.com/us/products/5146231>



Thermal transfer printer, weight: 10 kg, length: 0.446 m, width: 242 mm, height: 274 mm, color: gray

THERMOMARK-RIBBON 110 - Ink ribbon

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..., EMPLP... and PMM..., roll length: 300 m, width: 110 mm, color: black

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THERMOMARK-RIBBON 110/50 - Ink ribbon

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..., roll length: 50 m, width: 110 mm, color: black

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