

High-temperature label - EML-HT (24X4)RL-T - 0830655

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High-temperature label, large roll, for thermal transfer printers, resistant for 60 s at up to 300°C

Your advantages

- ✓ The EML-HT label is made of an acrylate film that is highly temperature-resistant. It can be used for marking printed circuit boards and in all industrial soldering processes.
- ✓ Continuous temperature range of -40°C to +180°C, +300°C for up to 60 seconds
- ✓ When combined with the THERMOMARK-RIBBON 110 EML-HT ink ribbon, the marking is highly resistant to high temperatures and chemicals
- ✓ The EML-HT ... materials are UL-listed
- ✓ Labeling service: Phoenix Contact can custom-label all EML-HT ... markers in accordance with your requirements

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 719292 |
| GTIN | 4046356719292 |

Technical data

Dimensions

| | |
|------------|-------|
| Length (b) | 4 mm |
| Width (a) | 24 mm |

Ambient conditions

| | |
|---------------------------------|---|
| Ambient temperature (operation) | -40 °C ... 180 °C |
| Ambient temperature (assembly) | > 4 °C |
| Recommended storage conditions | 23 °C / 50% relative humidity. Storage in poly bags is recommended prior to processing. |
| Short-term temperature | 300 °C (1 minute, maximum) |

General

| | |
|-------|-------|
| Color | white |
|-------|-------|

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Technical data

General

| | |
|---|--------------------------------------|
| Components | free from silicone and halogen |
| Material | Acrylate |
| RoHS compliant | Yes |
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
| Number of individual labels | 10000 |
| Number of individual labels per row | 1 |
| Adhesive | Acrylic |
| Printability | Thermal transfer |
| Device | 5146477 THERMOMARK ROLL |
| | 5146723 THERMOMARK ROLL X1 |
| | 5146231 THERMOMARK X1.2 |
| Ink ribbon | 0800342 THERMOMARK-RIBBON 110-EML-HT |
| 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 | 20 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 10.0.1 | 27400629 |
| eCl@ss 4.0 | 24190200 |
| eCl@ss 4.1 | 24190200 |
| eCl@ss 5.0 | 27149100 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27141100 |
| eCl@ss 6.0 | 27149100 |
| eCl@ss 7.0 | 27149129 |
| eCl@ss 8.0 | 27149129 |
| eCl@ss 9.0 | 27400629 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000761 |
| ETIM 4.0 | EC000761 |
| ETIM 5.0 | EC001288 |
| ETIM 6.0 | EC001288 |
| ETIM 7.0 | EC001288 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39131504 |
| UNSPSC 18.0 | 39131504 |
| UNSPSC 19.0 | 39131504 |
| UNSPSC 20.0 | 39131504 |
| UNSPSC 21.0 | 39131504 |

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approval details

| | | | |
|---------------|--|---|---------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE MH 48542 |
|---------------|--|---|---------------|

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Accessories

Accessories

Ink ribbon

Ink ribbon - THERMOMARK-RIBBON 110-EML-HT - 0800342



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

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