

## High-temperature label - EML-HT (15X15)R - 0800341

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

The figure shows the EML (40x8)R version

### Product Features

- ✓ Labeling service: Phoenix Contact can custom-label all EMLHT ... markers according to your requirements
- ✓ High weathering and chemical resistance
- ✓ For PCB marking, can be used in all industrial soldering processes
- ✓ Continuous temperature range of -40°C to +180°C, +300°C for up to 60 seconds
- ✓ White acrylate label with high level of temperature resistance
- ✓ The EMLHT ... materials are UL-listed

### Key commercial data

|                      |   |
|----------------------|---|
| Packing unit         | 1 PCE   |
| GTIN                 | <br>4 046356 579773 |
| Custom tariff number | 39199000  |
| Country of origin    | GERMANY   |

### Technical data

#### General

|                                 |                                |
|---------------------------------|--------------------------------|
| Length (b)                      | 15 mm                          |
| Width (a)                       | 15 mm                          |
| Color                           | white                          |
| Wipe resistance                 | DIN EN 61010-1 (VDE 0411-1)    |
| Ambient temperature (operation) | -40 °C ... 180 °C              |
| Ambient temperature (assembly)  | min. 4 °C                      |
| Short-term temperature          | 398 °C (260°C for 5 minutes)   |
| Components                      | free from silicone and halogen |

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## Technical data

### General

|   |   |
|---|---|
| Material  | Polyimide                                 |
| Number of individual labels   | 4000                                      |
| Number of individual labels per row                                 | 4   |
| RoHS compliant  | Yes                                       |
| Halogen-free  | Yes                                       |
| Silicone-free   | Yes                                       |
| Cadmium-free  | Yes                                       |
| Adhesive  | Acrylic                                   |
| Printability  | Thermal transfer                          |
| Device  | 5146477 THERMOMARK ROLL                   |
| Device  | 5146723 THERMOMARK ROLL X1                |
| Device  | 5145274 THERMOMARK X1.1                   |
| Device  | 5146231 THERMOMARK X1.2                   |
| Device  | 5146257 THERMOMARK S1.1                   |
| 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 4892-2:2006-02 + A1:2009-07 |
| Test duration   | 96 h                                      |
| Wipe resistance test result   | Test passed                               |
| Salt spray test specification                                       | DIN EN ISO 9227:2012-09                   |
| Test duration   | 96 h                                      |
| Salt spray testing result   | Test passed                               |
| Alternating condensation climate with SO2 test specification        | DIN 50018:1997-06                         |
| Climate level   | KFW 1.0 S                                 |
| Cycles  | 2   |
| Condensation test result  | Test passed                               |
| Foil strength   | 50 µm                                     |
| Adhesive strength   | 36 µm                                     |

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000761 |
| ETIM 3.0 | EC000761 |
| ETIM 4.0 | EC000761 |
| ETIM 5.0 | EC000761 |

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## Classifications

### UNSPSC

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

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 24190219 |
| eCl@ss 4.1 | 24190219 |
| eCl@ss 5.0 | 27149103 |
| eCl@ss 5.1 | 27141137 |
| eCl@ss 6.0 | 27141137 |
| eCl@ss 7.0 | 27141137 |

## 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  |
|---|

## Accessories

### Accessories

## High-temperature label - EML-HT (15X15)R - 0800341

### Accessories

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



Ink ribbon for EMLHT high-temperature labels, length: 300 m, width: 110 mm, ink color: black