

## 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

### 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 579773
GTIN	4046356579773

### Technical data

#### Dimensions

Length (b)	15 mm
Width (a)	15 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	4000
Number of individual labels per row	4
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)

### 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
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## Classifications

### eCl@ss

eCl@ss 4.0	24190200
eCl@ss 4.1	24190200
eCl@ss 5.0	27149100
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 2.0	EC000761
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

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Approvals

UL Recognized

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Ex Approvals

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### Approval details

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### Approvals

UL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE MH 48542

### 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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