

## Safety label with special adhesive - EMLS (38,1X19)R SR - 0800354

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Safety label with special adhesive, Roll, silver, 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: 38.1 x 19 mm, Number of individual labels: 1000

### Your advantages

- ✓ The EMLS is a tamper-proof label that can be used as a rating plate or a sealing label
- ✓ When detaching, a part of the metallized layer separates. It leaves a triangular pattern on the label and substrate. The safety function is reliable up to 80°C
- ✓ 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 EMLS ... materials are UL-listed
- ✓ Labeling service: Phoenix Contact can custom-label all EMLS ... markers in accordance with your requirements

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 046356 580434 |
| GTIN         | 4046356580434                                                                                           |

### Technical data

#### Dimensions

|            |         |
|------------|---------|
| Length (b) | 19 mm   |
| Width (a)  | 38.1 mm |

#### 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. |

#### General

|            |                                |
|------------|--------------------------------|
| Color      | silver                         |
| Components | free from silicone and halogen |

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### Technical data

#### General

|                                                                     |                                     |
|---------------------------------------------------------------------|-------------------------------------|
| Material                                                            | Polyester                           |
| RoHS compliant                                                      | Yes                                 |
| Wipe resistance                                                     | DIN EN 61010-1 (VDE 0411-1)         |
| Number of individual labels                                         | 1000                                |
| Number of individual labels per row                                 | 2                                   |
| Adhesive                                                            | Acrylic                             |
| Printability                                                        | Thermal transfer                    |
| Device                                                              | 1085260 THERMOMARK ROLL 2.0         |
|                                                                     | 0804501 THERMOMARK ROLLMASTER 300   |
|                                                                     | 0804663 THERMOMARK ROLLMASTER 600   |
| Ink ribbon                                                          | 5145384 THERMOMARK-RIBBON 110       |
| 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                         |
| Wipe resistance of test specification inscriptions                  | DIN EN 61010-1 (VDE 0411-1):2011-07 |
| Result of wipe resistance test                                      | Test passed                         |
| Foil strength                                                       | 53 µm                               |
| Adhesive strength                                                   | 20 µm                               |
| Marking mounting type                                               | adhesive                            |
| File number                                                         | UL-MH48542 / PC-014                 |

#### 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 |
| eCl@ss 5.1    | 27141100 |
| eCl@ss 6.0    | 27149100 |
| eCl@ss 7.0    | 27149129 |
| eCl@ss 8.0    | 27149129 |

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### Classifications

eCl@ss

|            |          |
|------------|----------|
| 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

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Approvals

UL Recognized

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Ex Approvals

#### Approval details

|               |                                                                                     |                                                                                                                                                       |               |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE MH 48542 |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

### Accessories

Accessories

Ink ribbon

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### Accessories

Ink ribbon - THERMOMARK-RIBBON 110 - 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

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