

## Label - EML (30X20)R - 0816922

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Label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: 30 x 20 mm



The figure shows the EML (20X8)R product variant

### Product Features

- A wide range of marker sizes and colors are available for custom designs
- Precise printing quality and good adhesive properties
- If high-quality ink ribbons are used, the labeling is resistant to solvents and suitable for use even under harsh industrial conditions
- The EML ... materials are UL-listed
- The special packaging protects rolls that have already been started from the dirt found in industrial environments
- The EML ... self-adhesive device markers have been specifically developed for marking various types of operating equipment in control, system, and control cabinet engineering

### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 465.2 g  |
| Custom tariff number                 | 39199000 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|            |       |
|------------|-------|
| Length (b) | 30 mm |
| Width (a)  | 20 mm |

#### Ambient conditions

|                                 |                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------|
| Ambient temperature (operation) | -40 °C ... 150 °C                                                                       |
| Ambient temperature (assembly)  | > 5 °C                                                                                  |
| Recommended storage conditions  | 21 °C / 50% relative humidity. Storage in poly bags is recommended prior to processing. |

#### General

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

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### Technical data

#### General

|                                                                     |                                     |
|---------------------------------------------------------------------|-------------------------------------|
| Components                                                          | free from silicone and halogen      |
| Material                                                            | Polyester                           |
| Wipe resistance                                                     | DIN EN 61010-1 (VDE 0411-1)         |
| Number of individual labels                                         | 2500                                |
| Number of individual labels per row                                 | 3                                   |
| RoHS compliant                                                      | Yes                                 |
| Adhesive                                                            | Acrylic                             |
| File number                                                         | UL-MH48542 / PC-010 (white foil)    |
| Printability                                                        | Thermal transfer                    |
| Device                                                              | 5146477 THERMOMARK ROLL             |
|                                                                     | 5146723 THERMOMARK ROLL X1          |
|                                                                     | 5146231 THERMOMARK X1.2             |
| Ink ribbon                                                          | 5145384 THERMOMARK-RIBBON 110       |
|                                                                     | 0829544 THERMOMARK-RIBBON 110 BU    |
|                                                                     | 0829542 THERMOMARK-RIBBON 110 GN    |
|                                                                     | 0829543 THERMOMARK-RIBBON 110 RD    |
| 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                                |
| Wipe resistance test result                                         | 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                                                              | 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) |

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## Classifications

### 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 |
| eCl@ss 8.0 | 27149129 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000761 |
| ETIM 3.0 | EC000761 |
| ETIM 4.0 | EC000761 |
| ETIM 5.0 | EC001288 |

### UNSPSC

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

## 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

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### Approvals

