# US-PML-F100 (D50) - Label

0803869

https://www.phoenixcontact.com/us/products/0803869

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Label, for marking fire detection systems, Card, red (RAL 3001), unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0: Rectangle, mounting type: adhesive, diameter: 50 mm, Number of individual labels: 4, text field height: 50 mm, text field width: 50 mm

## Commercial data

| | |
|---|---|
| Item number | 0803869 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG09 |
| Product key | BG2619 |
| GTIN | 4055626173146 |
| Weight per piece (including packing) | 6.24 g |
| Weight per piece (excluding packing) | 6.24 g |
| Customs tariff number | 39199080 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Plant marker |
| Area of application | Identification of smoke alarms according to DIN 4066 |

### Marking

| | |
|---|---|
| Number of individual labels | 4 |
| Number of individual labels per row | 2 |
| Printing | Rectangle |
| Identification technology | Thermal transfer |

## Dimensions

| | |
|---|---|
| Width | 50.00 mm |
| Height | 50.00 mm |
| Depth | 0.08 mm |

### Text field

| | |
|---|---|
| Text field width | 50 mm |
| Text field height | 50 mm |

## Material specifications

| | |
|---|---|
| Foil strength | 60 µm |
| Adhesive strength | 25 µm |
| Adhesive | Acrylic |
| Color | red (RAL 3001) |
| | white (RAL 9010) |
| Base element material | PVC |
| Components | Silicone-free |

## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 100 °C |
| Recommended ambient temperature (storage/transport) | 22 °C |
| Recommended humidity (storage/transport) | 50 % ... 55 % (Storage in a dry and dark place in the original packaging is recommended) |

### Test for substances that would hinder coating with paint or varnish

| | |
|---|---|
| Testing for paint wetting impairment substances (LABS-conformity) | VW PV 3.10.7:2005-02 |
| Result | Test passed |

### Test for substances that would hinder coating with paint or varnish

| | |
|---|---|
| Testing for paint wetting impairment substances (LABS-conformity) | VDMA 24364:2018-05 |
| Result | Test passed |

Scratch resistance

| | |
|---|---|
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements | ≥ 5 N |
| Result | Test passed |

Tesafilm test

| | |
|---|---|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result | Test passed |

UV resistance

| | |
|---|---|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result | Test passed |
| Test duration | 96 h |
| Procedure | Artificial irradiation. |

Temperature storage

| | |
|---|---|
| Specification | IEC 60068-2-2:2007-07 |
| Result | Test passed |
| Procedure | Test Bb |
| Duration | 96 h |
| Temperature for testing | 120 °C |

Temperature resistance

| | |
|---|---|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| Rating 100 °C (121 °C) | Test passed |

Wipe resistance of inscriptions

| | |
|---|---|
| Specification | DIN EN 61010-1 (VDE 0411-01):2020-03 |
| | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropanol (99%) [67-63-0] | Test passed |
| n-Hexane<br>[CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether<br>[CAS No. 64742-82-1] | Test passed |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed |
| Ethanol (99 %)<br>[CAS No. 64-17-5] | Test passed |

Immersion in chemicals, oil & fuel

| | |
|---|---|
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |
| Saltwater (saturated 350 g/l)<br>[CAS No. - ] | Test passed |
| Diesel<br>[CAS No. 68476-34-6] | Test passed |
| IRM 901 | Test passed |

| | |
|---|---|
| IRM 902 | Test passed |
| IRM 903 | Test passed |

Testing in a condensation changing climate in the presence of sulfur dioxide

| | |
|---|---|
| Specification | DIN EN ISO 22479:2022-08 |
| Result | Test passed |
| Procedure | Method B |
| Cycles | 2 |

## Mounting

| | |
|---|---|
| Mounting type | adhesive |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 40200202 |
| ECLASS-15.0 | 40200202 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC001777 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 55121700 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

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