

# US-PML-F100 (D50) - Label



0803869

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

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Label, for marking fire detection systems, Card, Mixed color, 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	multicolored (RAL -)
	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
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Result	Test passed
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## 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 [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [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) [CAS No. - ]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed

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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
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## Classifications

### ECLASS

ECLASS-13.0	40200202
ECLASS-15.0	40200202

### ETIM

ETIM 10.0	EC001777
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### UNSPSC

UNSPSC 21.0	55121700
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

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