

# US-PML-M100 (D50) - Mandatory sign



1014176

<https://www.phoenixcontact.com/us/products/1014176>

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Mandatory sign, Card, Mixed color, unmarked, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, diameter: 50 mm, Number of individual labels: 4, text field height: 50 mm, text field width: 50 mm



## Your advantages

- UniSheet - stick-on mandatory signs, color preprinted, without symbol
- Suitable for indoor and outdoor use
- The mandatory signs conform to the ISO 7010 international standard
- Highly flexible, soft PVC label that adapts well to uneven surfaces

## Commercial data

Item number	1014176
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG09
Product key	BG2619
GTIN	4046356786447
Weight per piece (including packing)	6.41 g
Weight per piece (excluding packing)	5.37 g
Customs tariff number	39199080
Country of origin	DE

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## Technical data

### Product properties

Product type	Plant marker
Area of application	Mandatory marking according to ISO 7010
Type	circular

### Marking

Number of individual labels	4
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### 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 -)
	blue (RAL 5015)
	white (RAL 9010)
Material	PVC
Base element material	PVC
Components	Silicone-free

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 90 °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)

#### 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

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## UV resistance

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

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 125 °C (150 °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)
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

## 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
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	EN ISO 22479:2022-06
Result	Test passed
Procedure	Method B
Cycles	2

## Salt spray test

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed
Test duration	96 h

## Standards and regulations

Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
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## Mounting

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Mounting type	adhesive
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## Classifications

### ECLASS

ECLASS-15.0	40200201
ECLASS-13.0	40200201

### 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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