

# PML-M100 (D100)R - Mandatory sign



1014181

<https://www.phoenixcontact.com/us/products/1014181>

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Mandatory sign, Roll, blue (RAL 5015), unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, diameter: 100 mm, Number of individual labels: 250, text field height: 100 mm, text field width: 100 mm

## Your advantages

- The color preprinted PML-M ... mandatory signs without symbols allow you to create custom mandatory notices. The PROJECT complete software offers a wide range of symbols
- The label consists of soft, highly flexible PVC film that molds itself to uneven surfaces
- The mandatory signs conform to the ISO 7010 international standard
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- Labeling service: Phoenix Contact can custom-label all PML-M ... markers in accordance with your requirements

## Commercial data

Item number	1014181
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG21
Product key	BG2611
GTIN	4046356784214
Weight per piece (including packing)	692.85 g
Weight per piece (excluding packing)	682.8 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 signs
	Mandatory marking according to ISO 7010
Type	circular

### Marking

Number of individual labels	250
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### Dimensions

Width	100.00 mm
Height	100.00 mm
Depth	0.08 mm

### Text field

Text field width	100 mm
Text field height	100 mm

### Material specifications

Foil strength	60 µm
Adhesive strength	25 µm
Adhesive	Acrylic
Color	blue (RAL 5015)
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)

#### 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

#### Scratch resistance

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

#### Tesafilm test

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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	105 °C

## 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

## 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

## Salt spray test

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

## Mounting

Mounting type	adhesive
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## Classifications

### ECLASS

ECLASS-13.0	40200201
ECLASS-15.0	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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