

# PML-M100 (D50)R - Mandatory sign



1014180

<https://www.phoenixcontact.com/us/products/1014180>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Mandatory sign, Roll, 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: 50 mm, Number of individual labels: 500, text field height: 50 mm, text field width: 50 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	1014180
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG21
Product key	BG2611
GTIN	4046356784207
Weight per piece (including packing)	405.71 g
Weight per piece (excluding packing)	472.4 g
Customs tariff number	39199080
Country of origin	DE

# PML-M100 (D50)R - Mandatory sign



1014180

<https://www.phoenixcontact.com/us/products/1014180>

## 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	500
-----------------------------	-----

### 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	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 %

#### 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

Specification	DIN EN ISO 2409:2020-12 (following)
---------------	-------------------------------------

# PML-M100 (D50)R - Mandatory sign



1014180

<https://www.phoenixcontact.com/us/products/1014180>

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
---------------	----------

# PML-M100 (D50)R - Mandatory sign



1014180

<https://www.phoenixcontact.com/us/products/1014180>

## Classifications

### ECLASS

ECLASS-13.0	40200201
ECLASS-15.0	40200201

### ETIM

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

### UNSPSC

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

# PML-M100 (D50)R - Mandatory sign



1014180

<https://www.phoenixcontact.com/us/products/1014180>

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)