

# MM-WML 5 (24X10)R C1 WH/BK - Cable marker



1116196

<https://www.phoenixcontact.com/us/products/1116196>

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.



Cable marker, Roll, unmarked, can be labeled with: THERMOMARK GO, cable diameter range: 2 ... 5 mm, mounting type: adhesive, cable diameter:  $\leq 5$  mm, Number of individual labels: 235, text field height: 9.5 mm, text field width: 22 mm

## Product description

MM-WML... vinyl polymer self-adhesive labels are available as prepunched material for wire marking.

## Your advantages

- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing
- The pre-punched geometry enables easy and convenient use
- Easy and efficient material cartridge system: Includes both the material to be printed and the corresponding ink ribbon
- No visible difference between retrospective marking and existing markings created with a desktop roll printer
- The transparent protective foil is wound over the marking and provides permanent protection against contamination and abrasion
- The wrap-around labels do not add bulk, which means that the cable can still be drawn through cable ducts, for example
- The material is cUL certified
- Thanks to the innovative material composition, each label can be printed which results in zero wastage

## Commercial data

Item number	1116196
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG221E
GTIN	4063151039899
Weight per piece (including packing)	82.7 g
Weight per piece (excluding packing)	70 g
Customs tariff number	96121010
Country of origin	CN

# MM-WML 5 (24X10)R C1 WH/BK - Cable marker



1116196

<https://www.phoenixcontact.com/us/products/1116196>

## Technical data

### Product properties

Product type	Conductor marker
--------------	------------------

### Marking

Number of individual labels	235
Number of individual labels per row	1
Identification technology	Thermal transfer

### Dimensions

Width	24 mm
Height	9.53 mm
Depth	0.1 mm

### Text field

Text field width	22 mm
Text field height	9.5 mm

### Material specifications

Foil strength	89 µm
Adhesive strength	23 µm
Adhesive	Acrylic
Color	multicolored (RAL -) white (RAL 9010) black (RAL 9005)
Material	Vinyl polymer
Base element material	Vinyl polymer
Components	Free from silicone and cadmium

### Cable/line

External cable diameter	≤ 5.00 mm 2 mm ... 5 mm
-------------------------	----------------------------

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C
Recommended ambient temperature (storage/transport)	21 °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

# MM-WML 5 (24X10)R C1 WH/BK - Cable marker



1116196

<https://www.phoenixcontact.com/us/products/1116196>

## UV resistance

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

## Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07 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

## Standards and regulations

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

## Mounting

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

# MM-WML 5 (24X10)R C1 WH/BK - Cable marker



1116196

<https://www.phoenixcontact.com/us/products/1116196>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1116196>



**cULus Recognized**  
Approval ID: MH48542

# MM-WML 5 (24X10)R C1 WH/BK - Cable marker



1116196

<https://www.phoenixcontact.com/us/products/1116196>

## Classifications

### ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

### ETIM

ETIM 10.0	EC001530
-----------	----------

### UNSPSC

UNSPSC 21.0	39131500
-------------	----------

# MM-WML 5 (24X10)R C1 WH/BK - Cable marker



1116196

<https://www.phoenixcontact.com/us/products/1116196>

## Environmental product compliance

### EU RoHS

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

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

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

### EF3.1 Climate Change

CO2e kg	5.429 kg CO2e
---------	---------------

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)