

# WML HF 7,5(25X13)R - Wire-wrap label



0830816

<https://www.phoenixcontact.com/us/products/0830816>

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.



Wire-wrap label, Roll, white, unlabeled, 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, cable diameter range: 4 ... 7.6 mm, mounting type: adhesive, cable diameter:  $\leq 7.6$  mm, Number of individual labels: 2100, text field height: 12.7 mm, text field width: 25.4 mm

## Your advantages

- For indoor applications: high resistance to dirt and abrasion due to the protective laminate
- Firmly defined positioning of labels thanks to the adhesive system
- Broad diameter range with many different applications inside and outside the control cabinet
- The protective foil is wound over the labeling and provides permanent protection against dirt and abrasion
- The wrap-around labels do not create any additional volume, so the cable can also be pulled through cable ducts, for example
- For cylindrical objects, single wires, and cables
- Halogen-free

## Commercial data

Item number	0830816
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG15
Product key	BG2311
Catalog page	Page 218 (C-3-2019)
GTIN	4046356800624
Weight per piece (including packing)	587.65 g
Weight per piece (excluding packing)	587.7 g
Customs tariff number	39199080
Country of origin	DE

# WML HF 7,5(25X13)R - Wire-wrap label



0830816

<https://www.phoenixcontact.com/us/products/0830816>

## Technical data

### Product properties

Product type	Conductor marking
Type	Label

### Marking

Number of individual labels	2100
Number of individual labels per row	3
Identification technology	Thermal transfer for rolls

### Dimensions

Width	25.4 mm
Length	36.5 mm

### External dimensions

Outside diameter	4 mm ... 7.5 mm
------------------	-----------------

### Text field

Text field width	25.4 mm
Text field height	12.7 mm

### Material specifications

Color	white (RAL 9010)
Material	Polyethylene
Components	free from silicone and halogen

### Cable/line

External cable diameter	≤ 7.60 mm
	4 mm ... 7.6 mm

### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

Result	Test passed
--------	-------------

#### Test for substances that would hinder coating with paint or varnish

Result	Test passed
--------	-------------

#### Tesafilm test

Specification	DIN EN ISO 2409:2013 (following)
Result	Test passed

#### UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h

# WML HF 7,5(25X13)R - Wire-wrap label



0830816

<https://www.phoenixcontact.com/us/products/0830816>

## 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)
Isopropyl [CAS No. 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
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
IRM 901	Test passed
IRM 902	Test passed

## Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN 50018:2013-05
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

## Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed
Test duration	96 h

## Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
Ambient temperature (assembly)	> 5 °C
Recommended ambient temperature (storage/transport)	21 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)
Shelf life	2 years

# WML HF 7,5(25X13)R - Wire-wrap label



0830816

<https://www.phoenixcontact.com/us/products/0830816>

## Standards and regulations

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

## Mounting

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

# WML HF 7,5(25X13)R - Wire-wrap label



0830816

<https://www.phoenixcontact.com/us/products/0830816>

## Classifications

### ECLASS

ECLASS-11.0	27281102
ECLASS-12.0	27281102
ECLASS-13.0	27281102

### ETIM

ETIM 9.0	EC001530
----------	----------

### UNSPSC

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

# WML HF 7,5(25X13)R - Wire-wrap label



0830816  
<https://www.phoenixcontact.com/us/products/0830816>

## 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 2025 © - 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)