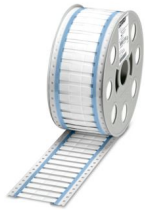


# WMS 6,4 (20X10)RXL - Shrink sleeve

0804451

<https://www.phoenixcontact.com/us/products/0804451>

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.



Shrink sleeve, Roll, unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLLMASTER 300/600, THERMOMARK ROLL X1, THERMOMARK ROLL, THERMOMARK ROLL 2.0, THERMOMARK W, THERMOMARK X1.2, cable diameter range: 2.1 ... 6.4 mm, perforated, mounting type: slide-on, Number of individual labels: 7500, text field height: 10 mm, text field width: 20 mm

## Your advantages

- Permanent and captive identification of single-core wires, wires, cables, pneumatic hoses, and other cylindrical objects
- Ladder style design: For a good overview and to facilitate quick use, the sleeves are preassembled in cut lengths: 15 mm, 30 mm, or 60 mm
- As an option, the sleeves can be shrunk by applying heat manually to fix the sleeve in position
- High diameter coverage with a shrink ratio of 3:1
- Widely used and proven worldwide in control cabinet and machine building, the oil and gas industry, and the railway industry

## Commercial data

Item number	0804451
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG14
Product key	BG2216
GTIN	4055626337913
Weight per piece (including packing)	1,672.4 g
Weight per piece (excluding packing)	1,672.4 g
Customs tariff number	39173200
Country of origin	CN

# WMS 6,4 (20X10)RXL - Shrink sleeve



0804451

<https://www.phoenixcontact.com/us/products/0804451>

## Technical data

### Notes

General	For the THERMOMARK ROLL and THERMOMARK ROLL 2.0 roll printers, this material can only be processed with an external media hub.
---------	--

### Product properties

Product type	Shrink sleeve
--------------	---------------

### Marking

Number of individual labels	7500
Number of individual labels per row	3
Identification technology	Thermotransfer

### Dimensions

Width	10 mm
Length	20 mm

### Text field

Text field width	20 mm
Text field height	10 mm

### Material specifications

RoHS compliant	yes
Color	white
Material	Polyolefine
Base element material	polyolefine
Shrink rate	3:1
Components	halogen-free
Shrink temperature	> 85 °C

### Cable/line

External cable diameter	2.1 mm ... 6.4 mm
-------------------------	-------------------

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-55 °C ... 125 °C
Recommended ambient temperature (storage/transport)	23 °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)	VDMA 24364-A1-L:2018-05
Result	Test passed

# WMS 6,4 (20X10)RXL - Shrink sleeve



0804451

<https://www.phoenixcontact.com/us/products/0804451>

## Scratch resistance

Specification	DIN EN ISO 1518-1:2019-10 (following)
Requirements	≥ 5 N
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
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)
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
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

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Methylethylketone (MEK) [CAS No. 78-93-3]	Test passed

# WMS 6,4 (20X10)RXL - Shrink sleeve



0804451

<https://www.phoenixcontact.com/us/products/0804451>

Gasoline [CAS No. 64742-49-0]	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	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

## Standards and regulations

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

## Mounting

Mounting type	slide-on
---------------	----------

# WMS 6,4 (20X10)RXL - Shrink sleeve



0804451

<https://www.phoenixcontact.com/us/products/0804451>

## Classifications

### ECLASS

ECLASS-13.0	27281102
-------------	----------

### UNSPSC

UNSPSC 21.0	39131504
-------------	----------

# WMS 6,4 (20X10)RXL - Shrink sleeve



0804451

<https://www.phoenixcontact.com/us/products/0804451>

## 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)