

WMS 4,8 (EX9)RL - Shrink sleeve



0800321

<https://www.phoenixcontact.com/us/products/0800321>

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Shrink sleeve, Roll, white, unlabeled, can be labeled with: THERMOMARK E.SLEEVE, THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLLMASTER 300/600, THERMOMARK ROLL X1, THERMOMARK ROLL, THERMOMARK ROLL 2.0, THERMOMARK W, THERMOMARK X1.2, unperforated, mounting type: slide-on, cable diameter range (automated processing): 1.6 ... 4.5 mm, cable diameter range: 1.6 ... 4.8 mm, lettering field size: 9 x 120000 mm, roll length: 120 m

Product Description

The continuous shrink sleeves in the WMS... product family, in size 2.4 ... 9.5, are suitable for automated processing with the THERMOMARK E. SLEEVE applicator. The continuous format of the material means that individual marker lengths can be realized. After the printing and applying process, you have the option of shrinking the marked shrink sleeves by applying heat manually and thus fixing them on the cable/wire.

Your advantages

- Permanent and captive identification of single-core wires, wires, cables, pneumatic hoses, and other cylindrical objects
- High flexibility, as individual marker lengths ranging from 3.45 mm ... 2000 mm (0.14" ... 78.7") can be realized in combination with the cutter and perforation cutter
- 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	0800321
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BG14
Product Key	BG2216
Catalog Page	Page 226 (C-3-2019)
GTIN	4046356625913
Weight per Piece (including packing)	800 g
Weight per Piece (excluding packing)	943 g
Customs tariff number	39173200
Country of origin	CN

Technical Data

Notes

Note on application	For the THERMOMARK ROLL and THERMOMARK ROLL 2.0 roll printers, this material can only be processed with an external media hub.
Material information	<p>The specified minimum wire diameter of the shrink sleeve refers to its use as a marking material and does not guarantee any insulation characteristics once shrunk.</p> <p>Depending on the processed material batch, as well as the storage and processing conditions, the maximum insertable wire diameter may be reduced.</p>

Product properties

Product type	Shrink sleeve
Type	Shrink sleeve

Dimensions

Width	9 mm
Length of roll	120.00 m

External dimensions

Outside diameter	1.6 mm ... 4.8 mm
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Material specifications

RoHS compliant	yes
Color	white
Material	Polyolefine
Base element material	polyolefine
Components	halogen-free

Cable/line

External cable diameter	1.6 mm ... 4.8 mm
External cable diameter	1.6 mm ... 4.8 mm

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

	VDMA 24364-A1-L:2018-05
Result	Test passed

Scratch test for the determining scratch resistance

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

Tesafilm test

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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

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)
	Test passed
	Test passed
	Test passed
Specification	ISO 175:2010 (following)
Test duration	168 h
	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)	-55 °C ... 125 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %
Shelf life	5 years

Standards and regulations

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

Mounting type	slide-on
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Approvals



CSA

Approval ID: 252259



cULus Recognized

Approval ID: E310982_Vol2_Sec1

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
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Classifications

ECLASS

ECLASS-9.0	27400401
ECLASS-10.0.1	27400401
ECLASS-11.0	27281102
ECLASS-12.0	27281102
ECLASS-13.0	27281102

ETIM

ETIM 8.0	EC001530
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UNSPSC

UNSPSC 21.0	39131500
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Accessories

THERMOMARK-RIBBON 110-WMSU - Ink ribbon

0801358

<https://www.phoenixcontact.com/us/products/0801358>



Ink ribbon, for roll printer for printing product groups WMS... and WMS-2 HF..., length: 0.11 m, roll length:: 300 m, width: 110 mm, color: black

THERMOMARK-RIBBON 64-WMSU - Ink ribbon

0801360

<https://www.phoenixcontact.com/us/products/0801360>



Ink ribbon, for roll printer for printing product groups WMS... and WMS-2 HF..., length: 0.064 m, roll length:: 300 m, width: 64 mm, color: black

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TM-RIBBON 40 BK 105 - Ink ribbon

1259008

<https://www.phoenixcontact.com/us/products/1259008>



Ink ribbon, for the E-WMS... product group in combination with the THERMOMARK E.SLEEVE applicator and the WMS... and WMS-2 HF... product groups in combination with conventional roll printers, length: 0.04 m, roll length:: 300 m, width: 40 mm, color: black

THERMOMARK-RIBBON 25-WMSU - Ink ribbon

0803390

<https://www.phoenixcontact.com/us/products/0803390>



Ink ribbon, for roll printer for printing product groups WMS... and WMS-2 HF..., length: 0.025 m, roll length:: 300 m, width: 25 mm, color: black

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TRM-PRESSURE ROLLER STANDARD - Pressure roller

0804655

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Standard pressure roller

TR-PRESSURE ROLLER STANDARD - Pressure roller

0801802

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Pressure roller

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TRM-PRESSURE ROLLER 4-50 - Pressure roller

0804656

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Pressure roller for continuous shrink sleeve



TR-PRESSURE ROLLER DR4-50 - Pressure roller

0801800

<https://www.phoenixcontact.com/us/products/0801800>

Pressure roller



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TM E.WIRE/E.SLEEVE-PR - Pressure roller

1259203

<https://www.phoenixcontact.com/us/products/1259203>



Pressure roller for all E-WM... and E-WMS... materials (for material width of up to 30 mm/1.18")

THERMOMARK ROLL-ERH - Media hub

5146448

<https://www.phoenixcontact.com/us/products/5146448>



External media hub, for the THERMOMARK ROLL, for roll diameter of 150 to 400 mm

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THERMOMARK-ERH 500 - Media hub

5146309

<https://www.phoenixcontact.com/us/products/5146309>



External media hub, for the THERMOMARK ROLL, for roll diameter of up to 500 mm

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