WMS 3,2 (EX5)R - Shrink sleeve

0800290

https://www.phoenixcontact.com/us/products/0800290

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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 ... 3 mm, cable diameter range: 1 ... 3.2 mm, lettering field size: 5 x 30000 mm, Number of individual labels: 1, roll length: 30 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	0800290
Packing unit	1 pc
Sales key	BG14
Product key	BG2216
Catalog page	Page 226 (C-3-2019)
GTIN	4046356625791
Weight per piece (including packing)	241.6 g
Weight per piece (excluding packing)	224.5 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	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. Depending on the processed material batch, as well as the storage and processing conditions, the maximum insertable wire diameter may be reduced.

Product properties

Product type	Shrink sleeve
Type	Shrink sleeve

Marking

Number of individual labels	1
Identification technology	Thermal transfer for rolls

Dimensions

Width	5 mm
Text field width	30000.00 mm
Text field height	5.00 mm
Length of roll	30.00 m

External dimensions

Outside diameter	1 mm ... 3.2 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	1 mm ... 3.2 mm

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

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

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)
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
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Diesel [CAS No. 68476-34-6]	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

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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 %

Standards and regulations

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

Mounting

Mounting type	slide-on

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Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/0800290

CSA
Approval ID: 252259

cULus Recognized
Approval ID: E310982_Vol2_Sec1

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001530

UNSPSC

UNSPSC 21.0	39131500

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%

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Accessories

THERMOMARK E.300 D US - Thermal transfer printer

1287033

https://www.phoenixcontact.com/us/products/1287033

Thermal transfer printer with internal rewinder for printing all materials in roll format with a print resolution of 300 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

THERMOMARK E.300 US - Thermal transfer printer

1287021

https://www.phoenixcontact.com/us/products/1287021

Thermal transfer printer for printing all materials in roll format with a print resolution of 300 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

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THERMOMARK E.600 D US - Thermal transfer printer

1287040

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Thermal transfer printer with internal rewinder for printing all materials in roll format with a print resolution of 600 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

THERMOMARK E.600 US - Thermal transfer printer

1287029

https://www.phoenixcontact.com/us/products/1287029

Thermal transfer printer for printing all materials in roll format with a print resolution of 600 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

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THERMOMARK ROLL 2.0 - Thermal transfer printer

1085260

https://www.phoenixcontact.com/us/products/1085260

Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

THERMOMARK-RIBBON 110-WMSU - Ink ribbon

0801358

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

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

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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: 300 m, roll length: 300 m, width: 25 mm, color: black

THERMOMARK-RIBBON 64-WMSE - Ink ribbon

5145724

https://www.phoenixcontact.com/us/products/5145724

Ink ribbon, for roll printer for printing product group WMS..., length: 300 m, roll length: 300 m, width: 64 mm, color: black

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0.3

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: 300 m, roll length: 300 m, width: 64 mm, color: black

TR-PRESSURE ROLLER STANDARD - Pressure roller

0801802

https://www.phoenixcontact.com/us/products/0801802

Standard pressure roller

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TR-PRESSURE ROLLER DR4-50 - Pressure roller

0801800

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

Pressure roller for continuous shrink sleeve

TRM-PRESSURE ROLLER STANDARD - Pressure roller

0804655

https://www.phoenixcontact.com/us/products/0804655

Standard pressure roller

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TRM-PRESSURE ROLLER 4-50 - Pressure roller

0804656

https://www.phoenixcontact.com/us/products/0804656

Pressure roller for continuous shrink sleeve

THERMOMARK ROLL-ERH - Media hub

5146448

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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

THERMOMARK ROLLMASTER 300 - Thermal transfer printer

0804501

https://www.phoenixcontact.com/us/products/0804501

Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

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THERMOMARK ROLLMASTER 600 - Thermal transfer printer

0804663

https://www.phoenixcontact.com/us/products/0804663

Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

THERMOMARK ROLL - Thermal transfer printer

5146477

https://www.phoenixcontact.com/us/products/5146477

Thermal transfer printer, 300 dpi, incl. European power cable, US power cable, and USB cable. DVD with CLIP PROJECT advanced planning and marking software, user manuals in various languages, Windows® printer driver, and firmware. German/English user manual in DIN A5 format, EML (20x8)R roll of labels, white, with 1000 labels, and ink ribbon: 50 m

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THERMOMARK X1.2 - Thermal transfer printer

5146231

https://www.phoenixcontact.com/us/products/5146231

Thermal transfer printer, weight: 10 kg, length: 0.446 m, width: 242 mm, height: 274 mm, color: gray

THERMOMARK W2 - Thermal transfer printer

5146147

https://www.phoenixcontact.com/us/products/5146147

Thermal transfer printer for material off the roll, incl. Euro/US power cable, USB cable, and perforation knife. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English.

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