WMS-OT HF 2,4 (EX4)RL - Marking sleeve

1163116

https://www.phoenixcontact.com/in/products/1163116

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Marking sleeve, 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, THERMOMARK W, unperforated, mounting type: slide-on, cable diameter range: 1 ... 2.4 mm, Number of individual labels: 1, text field height: 4 mm, text field width: 120000 mm

Your advantages

- Permanent and captive identification of single-core wires, wires, cables, pneumatic hoses, and other cylindrical objects
- Non-shrinkable halogen-free marking sleeve on rolls, in an oval design, for marking conductors and cables
- The oval design and the large opening enable rapid fitting onto the conductor or cable
- Through the use of the cutting or perforation unit, the marking sleeve can be cut to or perforated at the desired length (max. 1 m)
- Widely used and proven worldwide in the railway industry

Commercial data

Item number	1163116
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	*****
Product key	BGE22F
GTIN	4063151173098
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	39173200
Country of origin	CN

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Technical data

Notes

Material information	For the THERMOMARK ROLL, THERMOMARK ROLL 2.0, THERMOMARK ROLLMASTER 300/600, and THERMOMARK E.300 (D)/E.600 (D) roll printers, this material can only be processed with an external media hub.

Product properties

Product type	Conductor marking
Area of application	Railway industry

Marking

Number of individual labels	1
Identification technology	Thermal transfer for rolls

Dimensions

Width	4 mm
Text field width	120000.00 mm
Text field height	4.00 mm
Length	120 m

External dimensions

Outside diameter	1 mm ... 2.4 mm

Material specifications

Color	white (RAL 9010)
Material	Polyolefine
Flammability rating according to UL 94	V0
Base element material	polyolefine
Components	halogen-free

Cable/line

External cable diameter	1 mm ... 2.4 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	EN ISO 1518-1:2023 (following)
Requirements	≥ 5 N
Result	Test passed

Tesafilm test

Specification	DIN EN ISO 2409:2020-12 (following)

Result	Test passed

UV resistance

Specification	DIN EN ISO 4892-2:2021-11 (following)
Result	Test passed
Test duration	96 h
Specification	IEC 60068-2-2:2007-07
Result	Test passed
Duration	96 h
Temperature for testing	120 °C

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

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

Specification	ISO 22479:2019-05
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
Test duration	96 h

Ambient conditions

Ambient temperature (operation)	-30 °C ... 125 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)
Shelf life	5 years

Standards and regulations

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

Mounting

Mounting type	slide-on

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 ROLL 2.0 - Thermal transfer printer

1085260

https://www.phoenixcontact.com/in/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 ROLL-CUTTER - Cutter

5146422

https://www.phoenixcontact.com/in/products/5146422

Cutter for THERMOMARK ROLL and THERMOMARK ROLL 2.0, cutter width: 110 mm, suitable for: TML, SK, EML-RM, PMM, WMS, WMS-2 HF, WMS-OT HF, TMT continuous media, and EMT (EX15)R

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THERMOMARK ROLL-CUTTER/P - Cutter

5146435

https://www.phoenixcontact.com/in/products/5146435

Perforation cutter, for the THERMOMARK ROLL and THERMOMARK ROLL 2.0, cutter width: 45 mm, suitable for: WMS continuous media up to 25.4 mm, WMS-2 continuous media up to 25.4 mm, WMS-OT HF continuous media, TMT continuous media, and EMT (EX15)R

THERMOMARK-RIBBON 110-WMSU - Ink ribbon

0801358

https://www.phoenixcontact.com/in/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 64-WMSU - Ink ribbon

0801360

https://www.phoenixcontact.com/in/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

THERMOMARK-RIBBON 25-WMSU - Ink ribbon

0803390

https://www.phoenixcontact.com/in/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

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TM-RIBBON 40 BK 105 - Ink ribbon

1259008

https://www.phoenixcontact.com/in/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: 300 m, roll length: 300 m, width: 40 mm, color: black

THERMOMARK ROLL-ERH - Media hub

5146448

https://www.phoenixcontact.com/in/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

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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/in/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/in/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/in/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

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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/in/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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