

# WMS-2 HF 12,7 (EX20)R YE - Shrink sleeve



0804521

<https://www.phoenixcontact.com/us/products/0804521>

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Shrink sleeve, Roll, yellow (RAL 1018), 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: 6.4 ... 12.7 mm, unperforated, mounting type: slide-on, Number of individual labels: 1, roll length: 20 m, text field height: 20 mm, text field width: 20000 mm

## Product description

The continuous shrink sleeves in the WMS-2 HF... product family can be assembled to create individual marker lengths using the THERMOMARK E.CUTTER or E.CUTTER/P. After the printing, assembly, 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 2:1
- Widely used and proven worldwide in the railway industry

## Commercial data

Item number	0804521
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BG2216
GTIN	4055626399010
Weight per piece (including packing)	555 g
Weight per piece (excluding packing)	555 g
Country of origin	PL

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## 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
Area of application	Railway industry

### Marking

Number of individual labels	1
Identification technology	Thermotransfer

### Dimensions

Length of roll	20.00 m
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### Text field

Text field width	20000 mm
Text field height	20 mm

### Material specifications

RoHS compliant	yes
Color	yellow (RAL 1018)
Material	Polyolefine
Base element material	polyolefine
Shrink rate	2:1
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Components	halogen-free

### Cable/line

External cable diameter	6.4 mm ... 12.7 mm
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-30 °C ... 105 °C
Recommended ambient temperature (storage/transport)	23 °C

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Recommended humidity (storage/transport)	50 %
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## Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VW PV 3.10.7:2005-02
Result	Test passed

## UV resistance

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

## Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07 DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropanol (99%) [67-63-0]	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

## 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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## Classifications

### ECLASS

ECLASS-13.0

27281102

### ETIM

ETIM 9.0

EC001530

### UNSPSC

UNSPSC 21.0

39131500

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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