

# WMS-OT HF 4,8 (EX9)R YE - Marking sleeve



1044245

<https://www.phoenixcontact.com/us/products/1044245>

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.



Marking sleeve, Roll, yellow (RAL 1018), unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK W, cable diameter range: 1.6 ... 4.8 mm, unperforated, mounting type: slide-on, Number of individual labels: 1, text field height: 9 mm, text field width: 30000 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
- Can be used in the tube printing module M1650 Tube from KOMAX

## Commercial data

Item number	1044245
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BGE22F
GTIN	4055626620923
Weight per piece (including packing)	501 g
Weight per piece (excluding packing)	502 g
Country of origin	CN

# WMS-OT HF 4,8 (EX9)R YE - Marking sleeve



1044245

<https://www.phoenixcontact.com/us/products/1044245>

## 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	Shrink sleeve
Area of application	Railway industry

### Marking

Number of individual labels	1
Identification technology	Thermotransfer

### Dimensions

Width	9 mm
Length	30 m

### Text field

Text field width	30000 mm
Text field height	9 mm

### Material specifications

Color	yellow (RAL 1018)
Material	Polyolefine
Base element material	polyolefine
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	1.6 mm ... 4.8 mm
-------------------------	-------------------

### Environmental and real-life conditions

#### 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)

#### 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
---	----------------------

# WMS-OT HF 4,8 (EX9)R YE - Marking sleeve



1044245

<https://www.phoenixcontact.com/us/products/1044245>

Result	Test passed
--------	-------------

## 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
Procedure	Artificial irradiation.

## Temperature storage

Specification	IEC 60068-2-2:2007-07
Result	Test passed
Procedure	Test Bb
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)
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

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

Specification	EN ISO 22479:2022-06
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

## Standards and regulations

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

## Mounting

# WMS-OT HF 4,8 (EX9)R YE - Marking sleeve



1044245

<https://www.phoenixcontact.com/us/products/1044245>

Mounting type

slide-on

# WMS-OT HF 4,8 (EX9)R YE - Marking sleeve



1044245

<https://www.phoenixcontact.com/us/products/1044245>

## Classifications

### ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

### ETIM

ETIM 10.0	EC001530
-----------	----------

### UNSPSC

UNSPSC 21.0	39131500
-------------	----------

# WMS-OT HF 4,8 (EX9)R YE - Marking sleeve



1044245

<https://www.phoenixcontact.com/us/products/1044245>

## 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)