

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve



0801014

<https://www.phoenixcontact.com/us/products/0801014>

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.



Shrink sleeve, Roll, white, unlabeled, 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, perforated, mounting type: slide-on, cable diameter range: 2.4 ... 4.8 mm, lettering field size: 15 x 9 mm, Number of individual labels: 4000

Product Description

Due to their ladder-style format, the preassembled shrink sleeves in the WMS-2 HF... product family provide a good overview and facilitate quick use. 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
- Ladder style design: For a good overview and to facilitate quick use, the sleeves are preassembled in cut lengths: 15 mm, 30 mm, or 60 mm
- 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	0801014
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BG14
Product Key	BG2216
Catalog Page	Page 220 (C-3-2019)
GTIN	4055626044330
Weight per Piece (including packing)	887 g
Weight per Piece (excluding packing)	820 g
Customs tariff number	39173200
Country of origin	DK

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve



0801014

<https://www.phoenixcontact.com/us/products/0801014>

Technical Data

Notes

General	<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
Area of application	Rail industry: EN 45545-2

Marking

Number of individual labels	4000
Number of individual labels per row	4

Marking technology

Device	1085260 THERMOMARK ROLL 2.0
	5146147 THERMOMARK W2
	0804501 THERMOMARK ROLLMASTER 300
	0804663 THERMOMARK ROLLMASTER 600
Ink ribbon	5148007 THERMOMARK-RIBBON 110-WMTB HF
	0801358 THERMOMARK-RIBBON 110-WMSU
	0801360 THERMOMARK-RIBBON 64-WMSU
	0803390 THERMOMARK-RIBBON 25-WMSU
Printability	Thermal transfer

Dimensions

Width	9 mm
Length	15 mm

External dimensions

Outside diameter	2.4 mm ... 4.8 mm
------------------	-------------------

Material specifications

RoHS compliant	yes
Color	white
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

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve



0801014

<https://www.phoenixcontact.com/us/products/0801014>

Cable/line

External cable diameter	2.4 mm ... 4.8 mm
-------------------------	-------------------

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

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

UV resistance

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

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)

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

Ambient conditions

Ambient temperature (operation)	-30 °C ... 105 °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	3 years

Standards and regulations

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

Mounting

Mounting type	slide-on
---------------	----------

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve



0801014

<https://www.phoenixcontact.com/us/products/0801014>

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001530
----------	----------

UNSPSC

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

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve

0801014

<https://www.phoenixcontact.com/us/products/0801014>

Accessories

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

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

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve

0801014

<https://www.phoenixcontact.com/us/products/0801014>

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. 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

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve

0801014

<https://www.phoenixcontact.com/us/products/0801014>



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

TRM-PRESSURE ROLLER STANDARD - Pressure roller

0804655

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



Standard pressure roller

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve

0801014

<https://www.phoenixcontact.com/us/products/0801014>



TR-PRESSURE ROLLER STANDARD - Pressure roller

0801802

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

Standard pressure roller



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



WMS-2 HF 4,8 (15X9)RL - Shrink sleeve

0801014

<https://www.phoenixcontact.com/us/products/0801014>



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-RIBBON 110-WMTB HF - Ink ribbon

5148007

<https://www.phoenixcontact.com/us/products/5148007>



Ink ribbon, for roll printer for printing product groups WMTB HF..., WMS-2 HF..., TMT..., EMT..., EMLF..., PML-..., roll length: 300 m, width: 110 mm, color: black

WMS-2 HF 4,8 (15X9)RL - Shrink sleeve



0801014

<https://www.phoenixcontact.com/us/products/0801014>

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

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

Phoenix Contact 2023 © - 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