

# WMS 50,8 (EX80)R CUS - Shrink sleeve



0800711

<https://www.phoenixcontact.com/us/products/0800711>

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Shrink sleeve, Roll, white (RAL 9010), cable diameter range: 16.9 ... 50.8 mm: user-defined, perforated or cut, mounting type: slide-on, Number of individual labels: 1, text field height: 80 mm, text field width: 15000 mm

## Your advantages

- Individual labels can be ordered with a maximum length of 30 mm
- UL 224 (125°C, 600 V, all tubing)
- CSA.C22.2 No. 198.1 (125°C, 600 V, all tubing)
- MIL-STD-202G, SAE AMS-DTL-23053, SAE AS-81531

## Commercial data

Item number	0800711
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG8126
GTIN	4046356628495
Weight per piece (including packing)	2.451 g
Weight per piece (excluding packing)	2.392 g
Country of origin	PL

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## Technical data

### Notes

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>
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### Product properties

Product type	Shrink sleeve
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### Marking

Number of individual labels	1
Printing	user-defined
Slot type	Shrink sleeve
Identification technology	Thermotransfer

### Dimensions

Width	80 mm
Length	15 m

### Text field

Text field width	15000 mm
Text field height	80 mm

### Material specifications

Color	white (RAL 9010)
Material	Polyolefine
Base element material	polyolefine
Shrink rate	3:1
Components	halogen-free
Shrink temperature	> 85 °C

### Cable/line

External cable diameter	16.9 mm ... 50.8 mm
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-55 °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

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Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364-A1-L:2018-05
Result	Test passed

## 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

## 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 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)
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
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

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed

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Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Methylethylketone (MEK) [CAS No. 78-93-3]	Test passed
Gasoline [CAS No. 64742-49-0]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed
IRM 903	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)
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## Mounting

Mounting type	slide-on
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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0800711>



**CSA**

Approval ID: 252259



**cULus Recognized**

Approval ID: E310982\_Vol2\_Sec1

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## Classifications

### ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

### ETIM

ETIM 10.0	EC001530
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### 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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