

# WMS 9,5 (EX16)R - Shrink sleeve

0800293

<https://www.phoenixcontact.com/pc/products/0800293>

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Shrink sleeve, Roll, white, unlabeled, can be labeled with: THERMOMARK E.SLEEVE, THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLLMASTER 300/600, THERMOMARK ROLL X1, THERMOMARK ROLL, THERMOMARK ROLL 2.0, THERMOMARK W, THERMOMARK X1.2, unperforated, mounting type: slide-on, cable diameter range (automated processing): 3.2 ... 8.5 mm, cable diameter range: 3.2 ... 9.5 mm, lettering field size: 16 x 20000 mm, roll length: 20 m

## Product description

The continuous shrink sleeves in the WMS... product family, in size 2.4 ... 9.5, are suitable for automated processing with the THERMOMARK E. SLEEVE applicator. The continuous format of the material means that individual marker lengths can be realized. 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
- 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 3:1
- Widely used and proven worldwide in control cabinet and machine building, the oil and gas industry, and the railway industry

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0800293             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Product key                          | BG2216              |
| Catalog page                         | Page 226 (C-3-2019) |
| GTIN                                 | 4046356625821       |
| Weight per piece (including packing) | 314.3 g             |
| Weight per piece (excluding packing) | 299.3 g             |
| Customs tariff number                | 39173200            |
| Country of origin                    | CN                  |

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## Technical data

### Notes

|         |   |
|---------|---|
| General | For the THERMOMARK ROLL and THERMOMARK ROLL 2.0 roll printers, this material can only be processed with an external media hub.  |
| 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 |

### Dimensions

|                |         |
|----------------|---------|
| Width          | 16 mm   |
| Length of roll | 20.00 m |

### External dimensions

|                  |                   |
|------------------|-------------------|
| Outside diameter | 3.2 mm ... 9.5 mm |
|------------------|-------------------|

### Material specifications

|                       |              |
|-----------------------|--------------|
| RoHS compliant        | yes          |
| Color                 | white        |
| Material              | Polyolefine  |
| Base element material | polyolefine  |
| Components            | halogen-free |

### Cable/line

|                         |                   |
|-------------------------|-------------------|
| External cable diameter | 3.2 mm ... 9.5 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 | DIN EN ISO 1518-1:2019-10 (following) |
| Requirements  | ≥ 5 N                                 |
| Result        | Test passed                           |

#### Tesafilm test

|               |                                  |
|---------------|----------------------------------|
| Specification | DIN EN ISO 2409:2013 (following) |
| Result        | Test passed                      |

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## UV resistance

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

## 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) |
| Specification | ISO 175:2010 (following)                       |
| Test duration | 168 h  |

## 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               |
| Test duration | 96 h                      |

## Ambient conditions

|   |   |
|---|---|
| Ambient temperature (operation)                     | -55 °C ... 125 °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  | 5 years   |

## Standards and regulations

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

## Mounting

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