

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



0800426

<https://www.phoenixcontact.com/us/products/0800426>

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Shrink sleeve, Roll, black, 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, unperforated, mounting type: slide-on, cable diameter range: 16.9 ... 50.8 mm, lettering field size: 80 x 15000 mm, Number of individual labels: 1, roll length: 15 m

## Product description

The continuous shrink sleeves in the WMS... 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 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                          | 0800426                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BG14                           |
| Product key                          | BG2216                         |
| Catalog page                         | Page 227 (C-3-2019)            |
| GTIN                                 | 4046356626248                  |
| Weight per piece (including packing) | 1,280 g                        |
| Weight per piece (excluding packing) | 1,280 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 |

### Marking

|                             |                            |
|-----------------------------|----------------------------|
| Number of individual labels | 1                          |
| Identification technology   | Thermal transfer for rolls |

### Dimensions

|                |         |
|----------------|---------|
| Width          | 80 mm   |
| Length of roll | 15.00 m |

### External dimensions

|                  |                     |
|------------------|---------------------|
| Outside diameter | 16.9 mm ... 50.8 mm |
|------------------|---------------------|

### Material specifications

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

### Cable/line

|                         |                     |
|-------------------------|---------------------|
| External cable diameter | 16.9 mm ... 50.8 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                           |

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## Tesafilm test

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

## 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<br>DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropyl<br>[CAS No. 67-63-0]                    | Test passed  |
| n-Hexane<br>[CAS No. 110-54-3]                    | Test passed  |
| Water + Petroleum ether<br>[CAS No. 64742-82-1]   | Test passed  |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed  |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed  |
| Specification                                     | ISO 175:2010 (following)   |
| Test duration                                     | 168 h  |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed  |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed  |
| IRM 901   | Test passed  |
| IRM 902   | 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               |
| Test duration | 96 h                      |

## Ambient conditions

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|   |   |
|---|---|
| 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 |
|---------------|----------|

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001530 |
|----------|----------|

### UNSPSC

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

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