

# WMS 19,1 (EX30)R YE - Shrink sleeve



0800306

<https://www.phoenixcontact.com/us/products/0800306>

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Shrink sleeve, Roll, yellow (RAL 1018), unmarked, 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, cable diameter range: 6.4 ... 19.1 mm, unperforated, mounting type: slide-on, Number of individual labels: 1, roll length: 20 m, text field height: 30 mm, text field width: 20000 mm

## 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                          | 0800306       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BG14          |
| Product key                          | BG2216        |
| GTIN                                 | 4046356626033 |
| Weight per piece (including packing) | 691 g         |
| Weight per piece (excluding packing) | 526.1 g       |
| Customs tariff number                | 39173200      |
| Country of origin                    | CN            |

## Technical data

### Notes

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

### Product properties

|              |               |
|--------------|---------------|
| Product type | Shrink sleeve |
|--------------|---------------|

### Marking

|                                     |                  |
|-------------------------------------|------------------|
| Number of individual labels         | 1                |
| Number of individual labels per row | 1                |
| Identification technology           | Thermal transfer |

### Dimensions

|                |         |
|----------------|---------|
| Length of roll | 20.00 m |
| Height         | 33.4 mm |

### Text field

|                   |          |
|-------------------|----------|
| Text field width  | 20000 mm |
| Text field height | 30 mm    |

### Material specifications

|                       |                   |
|-----------------------|-------------------|
| Color                 | yellow (RAL 1018) |
| Material              | Polyolefine       |
| Base element material | polyolefine       |
| Shrink rate           | 3:1               |
| Components            | halogen-free      |
| Shrink temperature    | > 85 °C           |

### Cable/line

|                         |                    |
|-------------------------|--------------------|
| External cable diameter | 6.4 mm ... 19.1 mm |
|-------------------------|--------------------|

### 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

|   |                         |
|---|-------------------------|
| 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<br>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                    |

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|   |             |
|---|-------------|
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed |
| Saltwater (saturated 350 g/l)<br>[CAS No. -]      | Test passed |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed |
| Acetone (99 %)<br>[CAS No. 67-64-1]               | Test passed |
| Methylethylketone (MEK)<br>[CAS No. 78-93-3]      | Test passed |
| Gasoline<br>[CAS No. 64742-49-0]                  | Test passed |
| Diesel<br>[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) |
|-----------------|-----------------------------|

## Mounting

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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0800306>



**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 |
|-----------|----------|

### UNSPSC

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

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## 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% |
|-------------------------------------|----------------------------|

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)