

# E-WML 16 (25X19)R - Wire-wrap label



1199686  
<https://www.phoenixcontact.com/us/products/1199686>

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Wire-wrap label, Roll, white, unlabeled, can be labeled with: THERMOMARK E.WRAP, THERMOMARK E.300 (D)/600 (D), mounting type: adhesive, cable diameter range: 8.1 ... 16.2 mm, lettering field size: 25.4 x 19.1 mm, Number of individual labels: 2250

## Product description

The self-laminating wrap-around labels in the E-WML... product family are designed for automated processing with the THERMOMARK E.WRAP applicator. After the printing and applying process, the markers adhere to the cable at a permanently defined position and the protective laminate protects the markers against dirt and abrasion. As the labels wrap tightly around the wires, they do not create any additional volume, so the wires can also be pulled through cable ducts, for example.

## Your advantages

- For indoor and outdoor applications: high resistance to dirt and abrasion due to the protective laminate
- Firmly defined positioning of labels thanks to the adhesive system
- Broad diameter range with many different applications inside and outside the control cabinet
- The wrap-around labels do not create any additional volume, so the cable can also be pulled through cable ducts, for example
- Tight, bubble-free fit on the cable thanks to automatic winding
- For cylindrical objects, single wires, and cables

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1199686       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BG15          |
| Product key                          | BG2311        |
| GTIN                                 | 4063151263102 |
| Weight per piece (including packing) | 891.25 g      |
| Weight per piece (excluding packing) | 783.05 g      |
| Customs tariff number                | 39191012      |
| Country of origin                    | FR            |

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## Technical data

### Product properties

|              |                   |
|--------------|-------------------|
| Product type | Conductor marking |
| Type         | Label             |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 02 |
|------------------|----|

### Marking

|                                     |                            |
|-------------------------------------|----------------------------|
| Number of individual labels         | 2250                       |
| Number of individual labels per row | 1                          |
| Identification technology           | Thermal transfer for rolls |

### Dimensions

|        |         |
|--------|---------|
| Width  | 25.4 mm |
| Length | 70 mm   |

### Material specifications

|                   |                  |
|-------------------|------------------|
| Foil strength     | 80 µm            |
| Adhesive strength | 25 µm            |
| Adhesive          | Acrylic          |
| Color             | white (RAL 9010) |
| Material          | PVC              |
| Components        | Silicone-free    |

### Cable/line

|                         |                    |
|-------------------------|--------------------|
| External cable diameter | 16.20 mm           |
|                         | 8.1 mm ... 16.2 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                      |

#### UV resistance

|               |                                |
|---------------|--------------------------------|
| Specification | ISO 4892-2:2013-03 (following) |
|---------------|--------------------------------|

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|                         |                                       |
|-------------------------|---------------------------------------|
| Result                  | Test passed                           |
| Test duration           | 96 h                                  |
| Specification           | IEC 60068-2-2:2007-07                 |
| Result                  | Test passed                           |
| Duration                | 96 h                                  |
| Temperature for testing | 100 °C                                |
| Specification           | DIN EN 60068-2-30:2006-06 (following) |
| Result                  | Test passed                           |
| Duration                | 96 h                                  |
| Temperature for testing | 40 °C                                 |
| Relative humidity       | 90 %                                  |

## 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                                                                            |

## Testing in a condensation changing climate in the presence of sulfur dioxide

|               |                   |
|---------------|-------------------|
| Specification | ISO 22479:2019-05 |
| Result        | Test passed       |
| Procedure     | Method B          |
| 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)                     | -40 °C ... 80 °C                                                                         |
| Ambient temperature (assembly)                      | + 15 °C ... 35 °C                                                                        |
| Recommended ambient temperature (storage/transport) | 20 °C ... 25 °C                                                                          |
| Recommended humidity (storage/transport)            | 40 % ... 50 % (Storage in a dry and dark place in the original packaging is recommended) |
| Shelf life                                          | 2 years                                                                                  |

## Standards and regulations

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

## Mounting

|               |          |
|---------------|----------|
| Mounting type | adhesive |
|---------------|----------|

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## Classifications

### ECLASS

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

### ETIM

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

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## Accessories

### THERMOMARK E.300 D US - Thermal transfer printer

1287033

<https://www.phoenixcontact.com/us/products/1287033>



Thermal transfer printer with internal rewinder for printing all materials in roll format with a print resolution of 300 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

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### THERMOMARK E.600 D US - Thermal transfer printer

1287040

<https://www.phoenixcontact.com/us/products/1287040>



Thermal transfer printer with internal rewinder for printing all materials in roll format with a print resolution of 600 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

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### THERMOMARK E.WRAP - Applicator

1192931

<https://www.phoenixcontact.com/us/products/1192931>



Applicator for the efficient printing and applying of E-WML... wire-wrap labels on wires and cables in a single automated process step

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### THERMOMARK E.WRAP SET US - Applicator set

1287056

<https://www.phoenixcontact.com/us/products/1287056>



Device set consisting of the E.WRAP applicator and the compatible THERMOMARK E.300 D BASIC printing system for printing and applying the E-WML... wire-wrap labels on wires and cables.

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## TM-RIBBON 64 BK 103 - Ink ribbon

1255598

<https://www.phoenixcontact.com/us/products/1255598>



Ink ribbon, For the E-WML... product group in combination with the THERMOMARK E.WRAP applicator, length: 0.3 m, roll length: 300 m, width: 64 mm, color: black

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## TM E.WRAP-PR - Pressure roller

1259200

<https://www.phoenixcontact.com/us/products/1259200>



Pressure roller for all E-WML... materials (material width of up to 60 mm/2.36")

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### TM E.300/E.600-TEAR OFF PLATE - Demolition plate

1263118

<https://www.phoenixcontact.com/us/products/1263118>

Tear-off plate for all roll printers in the THERMOMARK E SERIES



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### TM E.300/E.600-DISPENSING EDGE/L - Dispensing edge

1263116

<https://www.phoenixcontact.com/us/products/1263116>

Dispensing edge for processing all E-WML... materials when using the THERMOMARK E.WRAP



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## TM E.300/E.600-FRONT COVER - Front plate

1285305

<https://www.phoenixcontact.com/us/products/1285305>

Front panel for all roll printers in the THERMOMARK E SERIES



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## 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



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## 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

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