

# E-WML 4 (25X6)R - Wire-wrap label



1343120

<https://www.phoenixcontact.com/us/products/1343120>

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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: 2 ... 4 mm, lettering field size: 25.4 x 6.4 mm, Number of individual labels: 7450

## 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	1343120
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG15
Product key	BG2311
GTIN	4063151654757
Weight per piece (including packing)	863.8 g
Weight per piece (excluding packing)	753.9 g
Customs tariff number	39191012
Country of origin	FR

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## Technical data

### Product properties

Product type	Conductor marking
Type	Label

### Marking

Number of individual labels	7450
Number of individual labels per row	1

### Marking technology

Device	1004303 THERMOMARK E.300 D
	1004304 THERMOMARK E.600 D
	1287033 THERMOMARK E.300 D US
	1287040 THERMOMARK E.600 D US
	1287032 THERMOMARK E.300 D CN
	1287039 THERMOMARK E.600 D CN
	1287034 THERMOMARK E.300 D AR
	1287041 THERMOMARK E.600 D AR
	1287038 THERMOMARK E.300 D KIT
	1287031 THERMOMARK E.600 KIT
Ink ribbon	1255598 TM-RIBBON 64 BK 103
Printability	Thermal transfer

### Dimensions

Width	25.4 mm
Length	19.1 mm

### Material specifications

RoHS compliant	yes
Adhesive	Acrylic
Color	white
Material	PVC
Components	Silicone-free

### Cable/line

External cable diameter	2 mm ... 4 mm
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### Environmental and real-life conditions

#### Scratch test for the determining scratch resistance

Specification	DIN EN ISO 1518-1:2019-10 (following)
Requirements	≥ 5 N
Result	Test passed

#### Tesafilm test

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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
Specification	IEC 60068-2-2:2007-07
Result	Test passed
Duration	96 h
Temperature for testing	100 °C

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 100 °C (121 °C)	Test passed
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)	-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 %
Shelf life	2 years

## Standards and regulations

Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
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## Mounting

Mounting type	adhesive
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## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	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-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-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-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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