

E-WM (EX18)R - Marking foil



1234227

<https://www.phoenixcontact.com/us/products/1234227>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Marking foil, Roll, white, unlabeled, can be labeled with: THERMOMARK E.WIRE, THERMOMARK E.300 (D)/600 (D), mounting type: welding, cable diameter range: 1.8 ... 5.6 mm, lettering field size: 3 lettering fields with variable height x 17.5 mm, roll length: 100 m

Product description

The marking foil in the E-WM... product family is designed for automated processing with the THERMOMARK E.WIRE applicator. During the automated printing and application process, the E.WIRE transforms the material in continuous format into radially and axially movable markers that can be printed on three sides. The hot-sealed joint ensures that the markers remain captive on the wires/cables.

Your advantages

- The continuous format means that one material can cover all wire and cable diameters ranging from 1.8 mm ... 5.6 mm (0.07" ... 0.22"). It is therefore not necessary to change materials
- Thanks to the three-sided printing and sliding action of the markers on the wires/cables, the marking is clearly visible once installed
- Due to the triangular shape of the markers, different information can be printed on each of the three marking areas
- The very strong heat-sealed joint ensures that the markers remain captive
- Permanent identification of single-core wires, wires, cables, twisted cable bundles, and other cylindrical objects
- The E-WM marking foil is available in three different widths

Commercial data

Item number	1234227
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG17
Product key	BG2211
GTIN	4063151337674
Weight per piece (including packing)	336.4 g
Weight per piece (excluding packing)	336.4 g
Customs tariff number	39199080
Country of origin	CH

E-WM (EX18)R - Marking foil



1234227

<https://www.phoenixcontact.com/us/products/1234227>

Technical data

Product properties

Product type	Conductor marking
--------------	-------------------

Marking

Identification technology	Thermal transfer for rolls
---------------------------	----------------------------

Dimensions

Width	17.8 mm
Length of roll	100.00 m

Material specifications

RoHS compliant	yes
Color	white
Material	PET + thermoplastic hot-melt adhesive
Components	free from silicone and halogen

Cable/line

External cable diameter	1.8 mm ... 5.6 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

Tesa film 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

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-01):2020-03
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropyl [CAS No. 67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed

E-WM (EX18)R - Marking foil



1234227

<https://www.phoenixcontact.com/us/products/1234227>

Water + Petroleum ether [CAS No. 64742-82-1]	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

Ambient temperature (operation)	-40 °C ... 80 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %
Shelf life	1 Year

Mounting

Mounting type	welding
---------------	---------

E-WM (EX18)R - Marking foil

1234227

<https://www.phoenixcontact.com/us/products/1234227>



Classifications

ECLASS

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

ETIM

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

E-WM (EX18)R - Marking foil



1234227

<https://www.phoenixcontact.com/us/products/1234227>

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%

E-WM (EX18)R - Marking foil

1234227

<https://www.phoenixcontact.com/us/products/1234227>



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.

THERMOMARK E.300 US - Thermal transfer printer

1287021

<https://www.phoenixcontact.com/us/products/1287021>



Thermal transfer printer 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.

E-WM (EX18)R - Marking foil

1234227

<https://www.phoenixcontact.com/us/products/1234227>



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.

THERMOMARK E.600 US - Thermal transfer printer

1287029

<https://www.phoenixcontact.com/us/products/1287029>



Thermal transfer printer 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.

E-WM (EX18)R - Marking foil

1234227

<https://www.phoenixcontact.com/us/products/1234227>



THERMOMARK E.WIRE - Applicator

1203216

<https://www.phoenixcontact.com/us/products/1203216>



Applicator for the efficient printing and application of movable E-WM... markers on wires and cables in a single automated process step

THERMOMARK E.WIRE SET US - Applicator set

1287046

<https://www.phoenixcontact.com/us/products/1287046>



Equipment set consisting of the E.WIRE applicator and the compatible THERMOMARK E.300 BASIC printing system for printing and applying movable E-WM... markers to wires and cables.

E-WM (EX18)R - Marking foil

1234227

<https://www.phoenixcontact.com/us/products/1234227>



TM-RIBBON 30 BK 103 - Ink ribbon

1309076

<https://www.phoenixcontact.com/us/products/1309076>



Ink ribbon, for the E-WM... product group in combination with the THERMOMARK E.WIRE applicator, length: 300 m, roll length: 300 m, width: 30 mm, color: black

TM E.WIRE/E.SLEEVE-PR - Pressure roller

1259203

<https://www.phoenixcontact.com/us/products/1259203>



Pressure roller for all E-WM... and E-WMS... materials (for material width of up to 30 mm/1.18")

E-WM (EX18)R - Marking foil

1234227

<https://www.phoenixcontact.com/us/products/1234227>



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



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



E-WM (EX18)R - Marking foil

1234227

<https://www.phoenixcontact.com/us/products/1234227>



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

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

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

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