

# WMTB HF-D (40X12)R BU - Detectable cable markers



1255595

<https://www.phoenixcontact.com/us/products/1255595>

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Detectable cable markers, Roll, blue, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: Assembly with cable ties, cable diameter:  $\geq 6$  mm, lettering field size: 40 x 12 mm, Number of individual labels: 1000

## Your advantages

- WMTB HF-D ... detectable cable marker for identification of various cables and wires in controller, system, and control cabinet building in the food industry
- The halogen-free wire and cable markers can be detected inductively
- When combined with the TM-RIBBON 105 BK 106 ink ribbon, the printing is highly resistant to solvents, aggressive cleaning agents, acetone, and ethanol
- The highly flexible material adapts to the conductors and cables
- The material used has been tested and approved by ISEGA for use in the food industry

## Commercial data

Item number	1255595
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG15
Product key	BG2311
GTIN	4063151362522
Weight per piece (including packing)	1,177 g
Weight per piece (excluding packing)	1,100 g
Customs tariff number	39204910
Country of origin	DK

## Technical data

### Notes

General	Due to the differing detection properties of metal detectors, the installer/end user must check suitability for the actual application
General	The composition of the WMTB HF-D (...x..)R BU complies with the Code of Federal Regulations, Food and Drugs (FDA), 21 CFR CH 1. Based on the provided sample material, the WMTB HF-D rating plates can therefore safely be used for the identification of food processing machines. Direct contact of the products with the food is not intended.
General	In accordance with Regulation (EU) No. 10/2011, the WMTB HF-D (...x..)R BU rating plates can be safely used for the identification of food processing machines.

### Product properties

Product type	Conductor marking
Area of application	Food and beverage industry
Type	Roll
Product property	detectable

### Marking

Number of individual labels	1000
Number of individual labels per row	1
Identification technology	Thermal transfer for rolls

### Dimensions

Width	12 mm
Length	40 mm

### Material specifications

RoHS compliant	yes
Color	blue
Material	TPU
Flammability rating according to UL 94	HB
Components	halogen-free

### Cable/line

External cable diameter	≥ 6.00 mm
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### Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

Result	Test passed
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Result	Test passed
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## 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)
Result	Test passed
Test duration	96 h
Specification	DIN EN 60068-2-2:2008-05 (following)
Result	Test passed
Duration	96 h
Temperature for testing	105 °C

## 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 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
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
Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed

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## 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

## Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °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)

## Standards and regulations

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

Mounting type	Assembly with cable ties
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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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### UNSPSC

UNSPSC 21.0	39131500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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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.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.

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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.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.



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## THERMOMARK ROLL 2.0 - Thermal transfer printer

1085260

<https://www.phoenixcontact.com/us/products/1085260>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

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## TM-RIBBON 105 BK 106 - Ink ribbon

1255597

<https://www.phoenixcontact.com/us/products/1255597>



Ink ribbon, for roll printer for printing product groups WMTB HF-D, length: 0.3 m, roll length: 300 m, width: 105 mm, color: black

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## WT-ID HF 2,5X98 BU - Cable tie

3240794

<https://www.phoenixcontact.com/us/products/3240794>



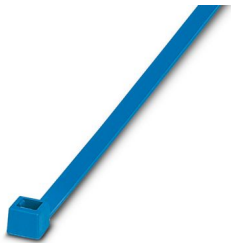
Cable binders for quick and secure fastening, can be detected using metallic pigments

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## WT-ID HF 3,5X140 BU - Cable tie

3240795

<https://www.phoenixcontact.com/us/products/3240795>



Cable binders for quick and secure fastening, can be detected using metallic pigments

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## WT-ID HF 3,5X200 BU - Cable tie

3240796

<https://www.phoenixcontact.com/us/products/3240796>



Cable binders for quick and secure fastening, can be detected using metallic pigments

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## WT-ID HF 4,5X200 BU - Cable tie

3240797

<https://www.phoenixcontact.com/us/products/3240797>



Cable binders for quick and secure fastening, can be detected using metallic pigments

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## WT-ID HF 4,5X290 BU - Cable tie

3240798

<https://www.phoenixcontact.com/us/products/3240798>



Cable binders for quick and secure fastening, can be detected using metallic pigments

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## WT-ID HF 7,5X365 BU - Cable tie

3240800

<https://www.phoenixcontact.com/us/products/3240800>



Cable binders for quick and secure fastening, can be detected using metallic pigments

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## THERMOMARK ROLLMASTER 300 - Thermal transfer printer

0804501

<https://www.phoenixcontact.com/us/products/0804501>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

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## THERMOMARK ROLLMASTER 600 - Thermal transfer printer

0804663

<https://www.phoenixcontact.com/us/products/0804663>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

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## THERMOMARK ROLL - Thermal transfer printer

5146477

<https://www.phoenixcontact.com/us/products/5146477>



Thermal transfer printer, 300 dpi, incl. European power cable, US power cable, and USB cable. DVD with CLIP PROJECT advanced planning and marking software, user manuals in various languages, Windows® printer driver, and firmware. German/English user manual in DIN A5 format, EML (20x8)R roll of labels, white, with 1000 labels, and ink ribbon: 50 m

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## THERMOMARK X1.2 - Thermal transfer printer

5146231

<https://www.phoenixcontact.com/us/products/5146231>



Thermal transfer printer, weight: 10 kg, length: 0.446 m, width: 242 mm, height: 274 mm, color: gray

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