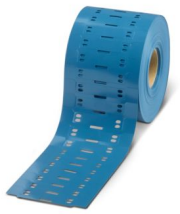
WMTB HF-D (40X12)R BU - Detectable cable markers

1255595

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

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Detectable cable markers, Roll, blue (RAL 5015), unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, mounting type: Assembly with cable ties, cable diameter: ≥ 6 mm, Number of individual labels: 1000, text field height: 12 mm, text field width: 40 mm

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)	1,252 g
Weight per piece (excluding packing)	22.22 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
Note on application	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.
Note on application	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 marker
Area of application	Food and beverage industry
Product property	detectable

Marking

Number of individual labels	1000
Number of individual labels per row	1
Identification technology	Thermotransfer

Dimensions

Width	60 mm
Height	20.2 mm
Depth	0.6 mm

Text field

Text field width	40 mm
Text field height	12 mm

Material specifications

RoHS compliant	yes
Color	blue (RAL 5015)
Flammability rating according to UL 94	HB
Base element material	TPU
Components	halogen-free

Cable/line

External cable diameter	≥ 6.00 mm

Environmental and real-life conditions

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)

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

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

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 storage

Specification	DIN EN 60068-2-2:2008-05 (following)
Result	Test passed
Procedure	Test Bb
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)
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
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Saltwater (saturated 350 g/l) [CAS No. -]	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
IRM 903	Test passed

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

Specification	DIN EN ISO 22479:2022-08
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

Mounting

Mounting type	Assembly with cable ties

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1255595

ISEGA
Approval ID: 62350U24_EU

ISEGA
Approval ID: 62351U24_FDA

Classifications

ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

ETIM

ETIM 10.0	EC001530

UNSPSC

UNSPSC 21.0	39131500

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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