

# WMTB HF-HP (40X12)R GN - Cable marker



1525867

<https://www.phoenixcontact.com/gb/products/1525867>

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## Product description

The preassembled wire/cable markers from the WMTB HF-HP ... product family consist of the highly flexible material polyolefin that adapts to the bending of the wire or cable.

The flame-retardant material has very good tensile strength and is attached to the wire or cable with cable ties through the fastening eyelets.

## Your advantages

- The WMTB HF-HP ... wire and cable marking is used for the identification and bundling of wires and cables indoors and outdoors
- The highly flexible material adapts to the conductors and cables
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The markers are made of a halogen-free material
- Railroad approval EN 45545-2 Class HL 3 R22-R23

## Commercial data

Item number	1525867
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG2311
Product key	BG2311
GTIN	4063151995010
Weight per piece (including packing)	1,188.5 g
Weight per piece (excluding packing)	22.22 g
Country of origin	DK

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## Technical data

### Product properties

Product type	Conductor marking
Area of application	Railway industry
Type	Roll

### Marking

Number of individual labels	1000
Identification technology	Thermal transfer for rolls

### Dimensions

Width	12 mm
Length	40 mm

### Text field

Text field width	40 mm
Text field height	12 mm

### Material specifications

Color	green (RAL 6021)
Material	Polyolefine
Base element material	polyolefine
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3

### 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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#### 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	105 °C

## 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

## 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)	-55 °C ... 105 °C
Recommended ambient temperature (storage/transport)	10 °C ... 25 °C
Recommended humidity (storage/transport)	45 % ... 55 % (Storage in a dry and dark place in the original packaging is recommended)
Shelf life	2 years

## Standards and regulations

### Standards

Standards/regulations	EN 45545-2
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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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## 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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