# WMTB HF (55X25)R RD - Cable marker

0803316

https://www.phoenixcontact.com/us/products/0803316

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Cable marker, Roll, red (RAL 3001), unmarked, 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: ≥ 6 mm, Number of individual labels: 500, text field height: 25 mm, text field width: 55 mm

## Your advantages

- The WMTB HF ... conductor and cable marking is used for the identification and bundling conductors and cables indoors and outdoors
- 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
- The highly flexible material adapts to the conductors and cables

## Commercial data

| | |
|---|---|
| Item number | 0803316 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BG15 |
| Product key | BG2311 |
| GTIN | 4055626024356 |
| Weight per piece (including packing) | 985.62 g |
| Weight per piece (excluding packing) | 985.6 g |
| Customs tariff number | 39204910 |
| Country of origin | DK |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Conductor marker |

Marking

| | |
|---|---|
| Number of individual labels | 500 |
| Number of individual labels per row | 1 |
| Identification technology | Thermal transfer |

### Dimensions

| | |
|---|---|
| Width | 75 mm |
| Height | 24.3 mm |
| Depth | 0.6 mm |

Text field

| | |
|---|---|
| Text field width | 55 mm |
| Text field height | 25 mm |

### Material specifications

| | |
|---|---|
| RoHS compliant | yes |
| Color | red (RAL 3001) |
| Material | PUR |
| Flammability rating according to UL 94 | V2 (0,75 mm Wandstärke) |
| Base element material | PUR |
| Components | halogen-free |

### Cable/line

| | |
|---|---|
| External cable diameter | ≥ 6.00 mm |

### Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -25 °C ... 100 °C |
| Recommended ambient temperature (storage/transport) | 10 °C |
| Recommended humidity (storage/transport) | 45 % ... 55 % |

Test for substances that would hinder coating with paint or varnish

| | |
|---|---|
| Testing for paint wetting impairment substances (LABS-conformity) | VDMA 24364:2018-05 |
| 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 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<br>[CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether<br>[CAS No. 64742-82-1] | Test passed |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed |

Immersion in chemicals, oil & fuel

| | |
|---|---|
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed |
| Saltwater (saturated 350 g/l)<br>[CAS No. - ] | Test passed |
| Ethanol (99 %)<br>[CAS No. 64-17-5] | Test passed |
| Diesel<br>[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 |
| Test duration | 96 h |

## Standards and regulations

| | |
|---|---|
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |

## Mounting

| | |
|---|---|
| Mounting type | Assembly with cable ties |

## 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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