

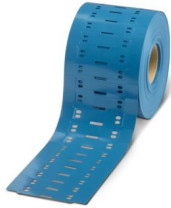
# WMTB HF-D (40X12)R BU - Detectable cable markers



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:  $\geq 6$  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            |

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## Technical data

### 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              |
| Slot type                           | Role           |
| 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- | VDMA 24364-A1-L:2018-05 |
|--|-------------------------|

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|             |             |
|-------------|-------------|
| conformity) |             |
| Result      | Test passed |

## Scratch resistance

|               |                                |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements  | ≥ 5 N                          |
| Result        | Test passed                    |

## Tesa film 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<br>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  |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed  |
| Acetone (99 %)<br>[CAS No. 67-64-1]               | Test passed  |

## Immersion in chemicals, oil & fuel

|               |                          |
|---------------|--------------------------|
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h                    |

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|   |             |
|---|-------------|
| 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                                   |

## Mounting

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

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## 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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281102 |
| ECLASS-15.0 | 27281102 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001530 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131500 |
|-------------|----------|

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## 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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