

WMS-2 HF 38,1 (EX60)RL BU CUS - Shrink sleeve



8194756

<https://www.phoenixcontact.com/us/products/8194756>

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Shrink sleeve, Roll, blue (RAL 5015), labeled according to customer specifications, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X1.2, THERMOMARK W, cable diameter range: 19.1 ... 38.1 mm, mounting type: slide-on, Number of individual labels: 1, text field height: 60 mm, text field width: 80000 mm

Your advantages

- Individual labels can be ordered with a maximum length of 30 mm

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 8194756 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | BG8126 |
| GTIN | 4055626323046 |
| Weight per piece (including packing) | 17.45 g |
| Weight per piece (excluding packing) | 17.45 g |
| Country of origin | PL |

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Technical data

Product properties

| | |
|---------------------|------------------|
| Product type | Shrink sleeve |
| Area of application | Railway industry |

Marking

| | |
|-------------------------------------|------------------|
| Number of individual labels | 1 |
| Number of individual labels per row | 1 |
| Slot type | Shrink sleeve |
| Identification technology | Thermal transfer |

Dimensions

| | |
|--------|-------|
| Width | 60 mm |
| Length | 80 mm |

Text field

| | |
|-------------------|----------|
| Text field width | 80000 mm |
| Text field height | 60 mm |

Material specifications

| | |
|--|-----------------|
| Color | blue (RAL 5015) |
| 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 |
| Components | halogen-free |
| Shrink temperature | > 90 °C |

Cable/line

| | |
|-------------------------|---------------------|
| External cable diameter | 19.1 mm ... 38.1 mm |
|-------------------------|---------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|-------------------|
| Ambient temperature (operation) | -30 °C ... 105 °C |
| Recommended ambient temperature (storage/transport) | 10 °C |
| Recommended humidity (storage/transport) | 45 % |

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 24364:2018-05 |
|---|--------------------|

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| | |
|--------|-------------|
| 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 0411-1):2011-07 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 |

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 |
| Acetone (99 %) [CAS No. 67-64-1] | Test passed |
| Diesel [CAS No. 68476-34-6] | Test passed |
| IRM 901 | Test passed |

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

Standards

| | |
|-----------------------|------------|
| Standards/regulations | EN 45545-2 |
|-----------------------|------------|

Mounting

| | |
|---------------|----------|
| Mounting type | slide-on |
|---------------|----------|

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Classifications

ECLASS

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

ETIM

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

EU REACH SVHC

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

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