

# EMT (35X46)R - Insert label



0801604

<https://www.phoenixcontact.com/us/products/0801604>

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Insert label, for marking the Axioline F series from Phoenix Contact, Roll, white (RAL 9010), 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: insert, Number of individual labels: 500, text field height: 46 mm, text field width: 35 mm

## Your advantages

- EMT (35x46)R, white insert label, for marking the Axioline F series from Phoenix Contact
- Thanks to their special shape, the EMT (35x46)R insert labels fit optimally in the Axioline F series from Phoenix Contact
- Quick and inexpensive marking with THERMOMARK ... roll printers from Phoenix Contact
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- Marking service: Phoenix Contact can custom-mark all EMT ... markers according to your requirements

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0801604       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | NULL          |
| Product key                          | BG2411        |
| GTIN                                 | 4046356673099 |
| Weight per piece (including packing) | 303 g         |
| Weight per piece (excluding packing) | 303 g         |
| Customs tariff number                | 39269097      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|                     |  |
|---------------------|--|
| Product type        | Device marker  |
| Area of application | Phoenix Contact: Axioline F series                     |
| Controller type     | for marking the Axioline F series from Phoenix Contact |

### Marking

|                                     |                  |
|-------------------------------------|------------------|
| Number of individual labels         | 500              |
| Number of individual labels per row | 2                |
| Identification technology           | Thermal transfer |

### Dimensions

|        |          |
|--------|----------|
| Width  | 35.00 mm |
| Height | 46.60 mm |
| Depth  | 0.18 mm  |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 35 mm |
| Text field height | 46 mm |

### Material specifications

|                       |                                |
|-----------------------|--------------------------------|
| Foil strength         | 175 µm                         |
| Color                 | white (RAL 9010)               |
| Base element material | Polyester                      |
| Components            | free from silicone and halogen |

### Environmental and real-life conditions

#### Ambient conditions

|   |                   |
|---|-------------------|
| Ambient temperature (operation)                     | -40 °C ... 150 °C |
| Recommended ambient temperature (storage/transport) | 23 °C             |
| Recommended humidity (storage/transport)            | 50 %              |

#### 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             |

#### 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          |

#### Scratch resistance

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

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|        |             |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

## Tesafilem 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           | IEC 60068-2-2:2007-07 |
| Result                  | Test passed           |
| Procedure               | Test Bb               |
| Duration                | 96 h                  |
| Temperature for testing | 120 °C                |

## Temperature resistance

|                        |                                 |
|------------------------|---------------------------------|
| Specification          | ANSI/UL 969-2018:03 (following) |
| Test duration          | 240 h                           |
| Rating 150 °C (180 °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  |

## 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              |
| Gasoline<br>[CAS No. 64742-49-0]                  | Test passed              |

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|                                |             |
|--------------------------------|-------------|
| 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 | EN ISO 22479:2022-06 |
| 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  |

## Mounting

|               |        |
|---------------|--------|
| Mounting type | insert |
|---------------|--------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281106 |
| ECLASS-15.0 | 27281106 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001288 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131700 |
|-------------|----------|

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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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