

EMLC (25,4X12,7)R YE CUS - Fabric label



0830160

<https://www.phoenixcontact.com/us/products/0830160>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Fabric label, Roll, can be ordered: by line, yellow (RAL 1018), labeled according to customer specifications, mounting type: adhesive, Number of individual labels: 2, text field height: 12.7 mm, text field width: 25.4 mm

Your advantages

- The EMLC label consists of a textile foil with very low restoring forces
- Enables labels to be stuck over edges and curves
- Labeling service: Phoenix Contact can custom-label all EMLC ... markers in accordance with your requirements

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 0830160 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | BG8141 |
| GTIN | 4046356627511 |
| Weight per piece (including packing) | 1.99 g |
| Weight per piece (excluding packing) | 1.99 g |
| Country of origin | PL |

EMLC (25,4X12,7)R YE CUS - Fabric label



0830160

<https://www.phoenixcontact.com/us/products/0830160>

Technical data

Product properties

| | |
|------------------|---------------------|
| Product type | Device marker |
| Product property | Low restoring force |

Marking

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

Dimensions

| | |
|--------|----------|
| Width | 25.40 mm |
| Height | 12.70 mm |
| Depth | 0.15 mm |
| Length | 12.7 mm |

Text field

| | |
|-------------------|---------|
| Text field width | 25.4 mm |
| Text field height | 12.7 mm |

Material specifications

| | |
|-----------------------|--------------------------------|
| Color | yellow (RAL 1018) |
| Material | PA |
| Base element material | PA |
| Components | free from silicone and halogen |

Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | 0 °C ... 125 °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-conformity) | VDMA 24364:2018-05 |
| Result | Test passed |

Scratch resistance

| | |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
|---------------|--------------------------------|

EMLC (25,4X12,7)R YE CUS - Fabric label



0830160

<https://www.phoenixcontact.com/us/products/0830160>

| | |
|--------------|-------------|
| Requirements | ≥ 5 N |
| Result | Test passed |

UV resistance

| | |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result | Test passed |
| Test duration | 96 h |
| Procedure | Artificial irradiation. |

Moisture heat storage

| | |
|-------------------------|------------------------------------|
| Specification | IEC 60068-2-78:2012-10 (following) |
| Result | Test passed |
| Duration | 96 h |
| Temperature for testing | 40 °C |
| Relative humidity | 93 % |

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) |
| 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 |

Immersion in chemicals, oil & fuel

| | |
|---|--------------------------|
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |
| Saltwater (saturated 350 g/l) [CAS No. -] | Test passed |
| Diesel [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

EMLC (25,4X12,7)R YE CUS - Fabric label



0830160

<https://www.phoenixcontact.com/us/products/0830160>

| | |
|---------------|---|
| 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 | adhesive |
|---------------|----------|

EMLC (25,4X12,7)R YE CUS - Fabric label



0830160

<https://www.phoenixcontact.com/us/products/0830160>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27281103 |
| ECLASS-15.0 | 27281103 |

ETIM

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

UNSPSC

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

EMLC (25,4X12,7)R YE CUS - Fabric label



0830160

<https://www.phoenixcontact.com/us/products/0830160>

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% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com