

# US-PML-ESS100 (D90) YE - Label



0803872

<https://www.phoenixcontact.com/us/products/0803872>

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.

Label, for marking emergency stop buttons, Card, yellow (RAL 1018), unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: adhesive, diameter: 90 mm, Number of individual labels: 1, text field height: 90 mm, text field width: 90 mm



## Commercial data

Item number	0803872
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG09
Product key	BG2619
GTIN	4055626173160
Weight per piece (including packing)	5.97 g
Weight per piece (excluding packing)	5.97 g
Customs tariff number	39199080
Country of origin	DE

## Technical data

### Product properties

Product type	Plant marker
Area of application	Identification of emergency stop buttons according to ISO 13850

### Marking

Number of individual labels	1
Number of individual labels per row	1
Identification technology	Thermal transfer

### Dimensions

Width	90.00 mm
Height	90.00 mm
Depth	0.08 mm

### Text field

Text field width	90 mm
Text field height	90 mm

### Material specifications

Foil strength	60 µm
Adhesive strength	25 µm
Adhesive	Acrylic
Color	yellow (RAL 1018)
Base element material	PVC
Components	Silicone-free

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Recommended ambient temperature (storage/transport)	22 °C
Recommended humidity (storage/transport)	50 % ... 55 % (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

# US-PML-ESS100 (D90) YE - Label



0803872

<https://www.phoenixcontact.com/us/products/0803872>

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

## Tesaflim 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.

## 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 [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
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

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed
Test duration	96 h

# US-PML-ESS100 (D90) YE - Label

0803872

<https://www.phoenixcontact.com/us/products/0803872>



## Mounting

Mounting type	adhesive
---------------	----------

# US-PML-ESS100 (D90) YE - Label



0803872

<https://www.phoenixcontact.com/us/products/0803872>

## Classifications

### ECLASS

ECLASS-13.0	40200202
ECLASS-15.0	40200202

### ETIM

ETIM 10.0	EC001777
-----------	----------

### UNSPSC

UNSPSC 21.0	55121700
-------------	----------

# US-PML-ESS100 (D90) YE - Label



0803872

<https://www.phoenixcontact.com/us/products/0803872>

## 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](mailto:info@phoenixcon.com)