

# WS-2K - Warning label

1004513

<https://www.phoenixcontact.com/us/products/1004513>

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Adhesive warning plate, self-adhesive, black print: lightning flash with mixed version - "Vorsicht Spannung - Attention Danger" size of label: 32 x 26 mm



## Commercial data

Item number	1004513
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG20
Product key	BG2511
GTIN	4017918012144
Weight per piece (including packing)	0.32 g
Weight per piece (excluding packing)	0.3 g
Customs tariff number	49119900
Country of origin	DE

## Technical data

### Product properties

Product type	Terminal marker
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### Dimensions

Width	32.00 mm
Height	26.00 mm
Depth	0.10 mm

### Material specifications

Foil strength	85 µm
Adhesive strength	20 µm
Adhesive	Acrylic
Color	multicolored (RAL -)
	yellow (RAL 1018)
	black (RAL 9005)
Material	Polyethylene foil
Base element material	Polyethylene film

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Recommended ambient temperature (storage/transport)	20 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)

#### 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 storage

Specification	IEC 60068-2-2:2007-07
Result	Test passed

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Procedure	Test Bb
Duration	96 h
Temperature for testing	80 °C

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 100 °C (121 °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)
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
Acetone (99 %) [CAS No. 67-64-1]	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
Ethanol (99 %) [CAS No. 64-17-5]	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

## Standards and regulations

Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
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## Mounting

Mounting type
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adhesive
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## Classifications

### ECLASS

ECLASS-13.0	40200203
ECLASS-15.0	40200203

### ETIM

ETIM 10.0	EC001777
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### UNSPSC

UNSPSC 21.0	55121700
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)