

Powerful Connections.



Insulation materials

## RAY-TUBE-SET

Kit of heat shrinkable tubes

### Description

A kit of heat shrinkable tubes from polyolefin with shrinking ratio 2:1. These tubes are designed to provide great electro-insulating parameters, resistibility against mechanical and chemical straining and can be used in a wide range of different usage.

Processing of tubes – shrinking – is provided by flowing of hot air on the tube.

- great resistibility against external conditions
- various colours for various usage
- the diameter ratio before shrinking from  
1,6 mm to 19 mm
- shrinking ratio 2:1
- 426 pieces

### Parameters for usage and processing

Range of temperatures (–40 to 135)°C	
Minimal temperature for shrinking	80 °C
Minimal temperature for absolute shrinking	120 °C

### Usage

- insulating
- unbinding
- labeling
- protection against mechanical and chemical strain
- visual improvement

### Usage based on norm

- \*UL File E35586
- \*CSA RL 31929

\*not valid for transparent materials (X)

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### Characteristics

Test	Testing procedure	Requirements	
Longevity	ISO 188 (168 h, 150 °C)	Dilatability 150 % (min.)	
Compatibility with copper	ASTM D2671 (16 h, 175 °C)	Anticorrosive surface	
Resistibility against break-down voltage	IEC 243	Ø ≤ 25,4	20 MV/m
		Ø > 25,4	10 mv/M
*Fire-proofness	ASTM D2671 process B UL 224 (tests of all tubes)	Period of burning max. 60 s	
Resistibility against resolvent	ISO 37 (24 h, 23 °C)	Tension consistence:	5 MPa (min.)
		Dilatability:	175 % (min.)
	Oil derivates	100 octan gasoline Lubricant (O-148) Hydraulic liquid (H515)	

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