

## Thermally Conductive Insulator Tubes EU-TUBE



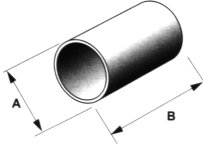
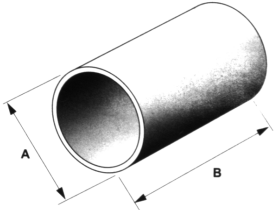
**EU-TUBE** are designed to meet the stringent VDE specification for insulation and they are based on silicon extrusion. Using our clip mounted **EU-TUBE** a higher level of electrical isolation is achieved maintaining a good thermal performance.

The semiconductor is simply inserted into the tubes which provide an all-round shroud.

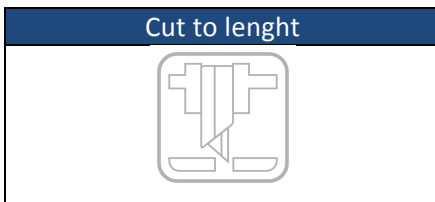
Our **EU-TUBE** accommodate most standard packages and retain the device ready for assembly.

### SPECIFIC PRODUCT CHARACTERISTICS:

Properties	EU-TUBES	Test Method
Thickness	0,5 mm (wall)	-
Thermal Conductivity	0.70 W/mK	MIL-I-49456A
Thermal Resistance per cm <sup>2</sup>	0.92 °C/W	-
Hardness	65 +- 5	Shore Micro
Tear Resistance	6,5 kN/m	ASTM D624
Tensile Strength	1,6 MPa	ASTM D 412
Dielectric Constant @1kHz	4,9	ASTM D150
Elongation	85 %	ASTM D150
Colour	Light Grey	-
Temperature Range	-60° to + 180°C	-

Features&Benefits	
Remains resistant to cleaning agents, and does not support organic growth.	 <p>Small (TO-220) A=11mm B=25mm</p>  <p>Large (TO-218, SOT-93, TO-247) A=14mm B=30mm</p>
Low Thermal resistance with high voltage isolation	
Fills air gaps between components up to 15% of the pads thickness	
Complete encapsulation of components	
No known deterioration over time	
Used in conjunction with fixing spring-clips	

**CUSTOMIZATIONS:**



Our customer are reminded that they bear the responsibility for testing Euro Technologies, Srl materials for their proposed use. Due to various application possibilities and conditions which are beyond our control, customers should carry out their own tests to determine the suitability for individual applications.

We reserve the right to change technical specifications without notice and take no responsibility for errors and misprints.

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