
3M™ no. 92

3M™ electrical insulating tape no. 92 consists of a polyimide film as a backing with a thermosetting silicone adhesive.

Attributes

Universal use for insulation under particularly high thermal stress. Printable. Flame-retardant to UL 510.

Application

For the electrical insulation of coils, capacitors and bundles of cables subject to high temperatures. Also particularly suitable for masking contacts when soldering PCBs (gold contacts).

Standards

RoHS-compliant according to 2002/96 EC

Delivery forms

- Width: from 2.5 mm, in 0.1 mm increments
- Standard lengths: 33 m rolls
- Core diameter: 76 mm (3")
- Special widths on request

Glue

Silicone

Adhesive

one-sided

Storage

Adhesive tapes should always be stored in a cool, dry place at approx. 20 °C and 50-60 % relative humidity. The storage period should not exceed 6 months.

General	Unit of measure	
Type/ Ordering information		3M™ electro-insulating no. 92
Standard colours		amber
Backing		Polyimide
Backing thickness	mm	0.025
Adhesive		Silicone
Total thickness	mm	0.076
Tensile strength	N/cm	53
Elongation at break	%	55
Adhesiveness / Adhesion to steel	N/cm	2.8
Dielectric strength	kV	7.5
Thermal class		180 °C/ H
UL FILE NO.		E 17385 OANZ 2
Flame retardant		UL 510

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