



98C-1 Tape

Polyimide Film With Silicone Adhesive

Datasheet

Product Description

3M™ Electrical Tape 98C-1 is a 1-mil polyimide backing with silicone adhesive. It is designed for high temperature application, used on coils, capacitors and wire harness.

- 1-mil polyimide backing
- Silicone adhesive
- UL recognized, file number E256906
- Supplied on 3 inch cores

Like all 3M insulation tapes, 3M 98C-1 Tape is available in standard and custom widths and lengths. Standard length is 36 yards.

- Longer length up to several times normal length, dependent upon width. Check with Customer Service.

Applications

3M™ 98C-1 tape is used for high temperature electrical application in which a tough, thin insulation material is required for wrapping coils, transformers, capacitors and wire harness. It's also used in printed circuit board assembly as a wave solder masking tape.

Properties	Typical Values
Type of Backing	Polyimide
Type of Adhesive	Silicone
Thickness (backing plus adhesive)	0.070mm
Temperature rating	220°C
Breaking strength ¹	25 lb./in (46N/10mm)
Elongation ¹	40%
Adhesion strength ¹	21oz./in (2.3N/10mm)
Dielectric Breakdown ¹	6000 volts
Electrolytic corrosion factor ²	1.0
UL Flame Retardant ³	Yes

Footnote: 1. Test method ASTM D 1000

2. 3M test method

3. UL recognized flame retardant, Product Category OANZ2, File E256906.

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