

Product Data Sheet

Kapton Tape, Silicone Adhesive, 3.5 mil

758ST0375, 758ST0625, 758ST0750, 758ST0875, 758ST1101, 758ST0500, 758ST0250, 758ST0125, 173-216



- Offers outstanding thermal resistance
- Provides excellent electrical insulating properties

Product Information

Polyimide backing and silicone adhesive offers outstanding thermal resistance and excellent electrical insulating properties. This tape is used where toughness, puncture resistance, extreme resistance to heat, and flame retardance are required.

Used on gold fingers for protection in wave soldering. It is also used as a ground barrier and phase insulation in high performance coils. Also as an outer wrap on small bobbin wound coils and on foam wound coils for traction motors.

Technical Details	Typical Values	Test Method
Total Thickness	3.5 mil	ASTM D-3652
Backing Thickness	2.0 mil	ASTM D-3652
Adhesion to Steel	25 oz/inch	ASTM D-3330
Tensile Strength	50 lb/inch	ASTM D-3759
Elongation	60%	ASTM D-3759
Dielectric Strength	6,500 volts	ASTM D-149
Insulation Resistance	11000 volts	
Operating Temp. Range	-73° to 260°C	
Insulation Class	180°C	
Adhesive	Silicone	

Packaging

758ST0375	3/8" x 36 Yds, 3" core, 3.5 mil
758ST0625	5/8" x 36 Yds, 3" core, 3.5 mil
758ST0750	3/4" x 36 Yds, 3" core, 3.5 mil
758ST0875	7/8" x 36 Yds, 3" core, 3.5 mil
758ST1101	1" x 36 Yds, 3" core, 3.5 mil
758ST0500	1/2" x 36 Yds, 3" core, 3.5 mil
758ST0250	1/4" x 36 Yds, 3" core, 3.5 mil
758ST0125	1/8" x 36 Yds, 3" core, 3.5 mil
173-216	2" x 36 Yds, 3" core, 3.5 mil

Compliance

UL File #: E 244657

Mil-P-46112B/ ASTM D 5213, Type 1, Item A

RoHs/REACH Compliant: This Product complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative and European REACH Regulation.

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