

Product Data Sheet

Kapton Tape, Acrylic Adhesive, 3.5 mil

758ST1501, 758ST1522, 324IE0250, 758ST1534, 758ST1538, 324IE0625



- Offers outstanding chemical and thermal resistance
- Provides excellent electrical insulating properties

Product Information

Polyimide backing and acrylic adhesive offers excellent 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	11,000 volts	ASTM D-149
Operating Temp. Range	-29° to 155°C	
Insulation Class	155°C	
Adhesive	Acrylic	

Packaging

758ST1501	1" x 36 Yds, 3" core, 3.5 mil
758ST1522	1/2" x 36 Yds, 3" core, 3.5 mil
324IE0250	1/4" x 36 Yds, 3" core, 3.5 mil
758ST1534	3/4" x 36 Yds, 3" core, 3.5 mil
758ST1538	3/8" x 36 Yds, 3" core, 3.5 mil
324IE0625	5/8" x 36 Yds, 3" core, 3.5 mil

Compliance

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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