

Product Data Sheet

Polyimide Tape

706ST750



- Offers optimal performance in electrical and thermal insulation
- Highly resistant to heat and chemicals
- Thin and highly conformable
- Puncture and tear resistant at high temperatures
- UL approved
- Shelf Life: 1 year

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. Is being used as ground barrier and phase in-sulation in high performance coils. Also used as an outer wrap on small bobbin wound coils and on form wound coils for traction motors.

Technical Details	Typical Values	Test Method
Total Thickness	2.5 mil	ASTM D-3652
Backing Thickness	1.0 mil	ASTM D-3652
Adhesion to Steel	25 oz/inch	ASTM D-3330
Tensile Strength	30 lb/inch	ASTM D-3759
Elongation	>55%	ASTM D-3759
Dielectric Strength	6,500 volts	ASTM D-149
Insulation Resistance	1,000,000 mega ohms	
Electrolytic Corrosion	1	
Operating Temp. Range	-100° to 500°F	
Roll Length	36 yds	
Adhesive	Silicone	

Packaging

706ST750	3/4" x 36 Yds, 3" core, 2.5 mil
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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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