

TECHNI-PRO

Product Data Sheet

Kapton Tape, Acrylic Adhesive

594-499, 594-498, 490-127, 594-497, 490-126, 247IE0125



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

Product Information

Polyimide backing and acrylic 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 in high-temperature applications, and conformal coating masking applications. Applications requiring solvent resistance for wrapping coils, transformers, capacitors, and wire harnesses.

Technical Details

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 Class	155°C	
Operating Temp. Range	-29° to 155°C	
Adhesive	Acrylic	

Packaging

594-499	2" x 36 Yds, 3" core, 2.5 mil
594-498	1" x 36 Yds, 3" core, 2.5 mil
490-127	3/4" x 36 Yds, 3" core, 2.5 mil
594-497	1/2" x 36 Yds, 3" core, 2.5 mil
490-126	1/4" x 36 Yds, 3" core, 2.5 mil
247IE0125	1/8" x 36 Yds, 3" core, 2.5 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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