

Austape®

Polyester-Glass Electrical Insulating Tape

A3110

TYPICAL APPLICATIONS

- Ultra-high tensile strength tape with outstanding resistance to solvents and mineral oils for a variety of heavy duty applications
- Engineered as a construction tape for easy winding of oil-filled distribution and power transformers
- Bundling motor and transformer coils and coil covering applications; lead and saddle tie down
- Also used for concrete stenciling

FEATURES & BENEFITS

- Exceptional resistance to transformer oil and other chemicals, solvents and ageing when fully thermoset
- High tensile and tear strength
- High abrasion, puncture and edge-tear resistance
- Conformable backing with aggressive adhesive
- High dielectric strength and insulation resistance



CONSTRUCTION

Backing: Polyester film reinforced with glass filaments

Adhesive: Acrylic, thermosetting

STANDARD WIDTH/S

- 10 mm
- 18 mm
- 20 mm
- 24 mm
- 40 mm

Contact your Insulect sales representative or distributor for information on non-standard sizes

STANDARD LENGTH/S

- 50 m

COLOUR/S

- Clear

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TYPICAL PHYSICAL PROPERTIES

Product	A3110	
Tensile Strength	656.7 N/10mm	375 lbs/in width
Adhesion (to Stainless Steel)	4.93 N/10mm	45 oz/in width
Elongation	5 %	
Total Tape Thickness	0.190 mm	7.5 mils
Backing Thickness	0.165 mm	6.5 mils
Insulation Class	Class F / 155 °C	
Insulation Resistance	10 ⁴ megohms	
Dielectric Strength	6 kV	
Flammability	BU 2	
CSA File #	LR94980	
UL File #	E20780	
Storage Stability	Excellent	
Solvent Stability	Excellent	
Moisture Resistance	Excellent	

STORAGE & USAGE CONDITIONS

This tape should be stored in a cool, dry area away from direct sunlight and should be applied to surfaces which are clean, dry and free from grease, oil or other contaminants.

TECHNICAL INFORMATION

The physical and performance characteristics shown in this document are based on testing done by or on behalf of the manufacturer and do not represent a guarantee of product performance. Individual rolls may vary slightly from these averages. The user is responsible for determining whether the product is fit for a particular purpose and suitable for the user's method of application before use.