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#22 Polyimide Tape

Specification

Description	Value	ASTM Test Method
Film thickness	1.0 Mil (0.03 mm)	D-3652
Adhesive thickness	1.5 Mil (0.04 mm)	D-3652
Total thickness	2.5 Mil (0.07 mm)	D-3652
Color	Amber	
Adhesive	Cross-linked silicone	
Breaking strength	30lb / inch (5.4Kg / cm)	
Elongation at break	60%	D-3759
Adhesion to steel	18 oz / inch (200 grams / cm)	D-3330
Dielectric strength	7,500 Volts	
Insulation class	356°F (180°C)	
Temperature range	-100°F to 500°F (-73°C to 260°C) This tape will withstand short term intermittent temperatures to 600°F (315°C)	
Storage conditions	Keep in dry conditions	
Removability	Good to excellent	

General Description

22 Polyimide tape is a high temperature film tape used in electrical and thermal insulation applications, in particular in the masking of Gold fingers on circuit boards during wave soldering. It's excellent release properties; also mean it can be used in the powder coating industries. The tape offers optimum performance in electrical and thermal insulation applications. It offers flame resistant electrical insulation and can be used as a wire and cable wrap or as a splicing tape on thermal insulating film, as well as for solder masks for circuit boards

Recommended for

Electrical insulation, Wave soldering, Masking of circuit boards.

Availability

Available in roll form in a range of imperial and metric widths. This tape is also available as pre-cut discs, rectangles, squares, and donuts. It is also available as die cut shapes.