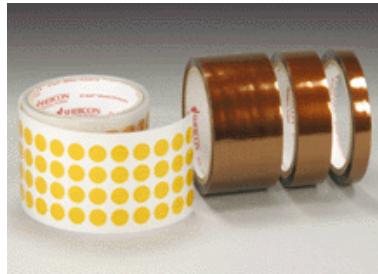


#22 Polyimide film tape. Data and Specification Sheet.



Description

This high temperature film tape is 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.

Construction

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 (200gm / 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	
Tolerance	Discs and die cuts can be cut to a tolerance of ± 0.005 " (± 0.127 mm)	

Availability

Available in roll form in a range of imperial and metric widths. This tape is also available in pre-cut disc sizes in both imperial and metric diameters. Alongside this, it can be provided in rectangular cutoff form or as die cut shapes.

General applications

This tape offers optimum performance in electrical and thermal insulation applications It offers flame resistant electrical insulation, 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.

Distributed by: **All-Spec Industries**
Wilmington, NC

Ph: 800-537-0351
Fx: 800-379-9903

Web: www.all-spec.com
Email: sales@all-spec.com