

POLYIMIDE TAPES



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Polyimide tapes consist of an amber colored polyimide film coated with a pressure sensitive silicone or acrylic adhesive. They are often used in applications that require good chemical resistance or high temperature resistance.

KEY CHARACTERISTICS OF ALL POLYIMIDE TAPES:

- Excellent mechanical and electrical characteristics make it ideal for electrical applications
- Low residue adhesive provides for clean removal of tape
- High temperature range (-100°F-500°F)

2345/2342 POLYIMIDE TAPE PERFORMANCE:

UNITS		2345-1	2345-2	2345-5	2342
Backing material		Film-Polyimide	Film-Polyimide	Film-Polyimide	Film-Polyimide
Adhesive type		Silicone	Silicone	Silicone	Acrylic
Total thickness	inches	.0025	.0035	.0065	.0025
Backing thickness	inches	.0010	.0020	.0050	.0010
Adhesive thickness	inches	.0015	.0015	.0015	.0015
Adhesion to steel	oz/in	25	25	25	25
Elongation	% at break	50	75	75	50
Operating temperature	°F	-100°-500°	-100°-500°	-100°-500°	-20°-350°
Break strength	lbs/in	30	50	150	30
Dielectric strength	volts	6,500	10,000	17,000	7,000
Color		Amber	Amber	Amber	Amber

Values shown are typical. Values may vary according to brand name. Please ask your Curbell Plastics representative for more specific information about an individual brand.

POLYIMIDE TAPE COMPARISON CHART:

MATERIAL	LIGHT DUTY	HEAVY DUTY	PROTECTIVE MASK	LOW RESIDUE	HIGH TACK	LOW TACK	MEDIUM TEMP (UP TO 300°F)	HIGH TEMP (UP TO 500°F)	ONE-SIDED ADHESIVE	NO LINER	COMMON THICKNESSES	108' ROLLS
2345 Polyimide		X	X	X		X		silicone adhesive	X	X	0.001", 0.002", 0.005"	X
2342 Polyimide	X		X		X		acrylic adhesive		X	X	0.001", 0.002", 0.005"	X

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