



Tape No: 3-745AMB-S Polyimide 1-mil Tape – Most Popular

Features:

- Our most popular polyimide product
- Polyimide film and silicone adhesive designed for high temperature and masking applications, including the protection of printed circuit board gold finger contacts during wave soldering
- Used in electrical insulation applications meeting class H requirements
- Thin and conformable enabling masking of uneven surfaces
- Wide operating temperature range up to 500°F
- Excellent electrical insulation
- Removes cleanly without adhesive residue after exposure to heat/chemical

Technical Data:

Film Thickness: (mils)	1
Total Tape Thickness: (mils)	2.5
Adhesion to Steel: (Oz/inch)	25
Tensile Strength: (Lbs/inch)	30
Dielectric Strength: (Volts)	6,500
Color:	Amber
Adhesion Type:	Silicone
Elongation: (%)	>55
Insulation Resistance: (mega ohms)	1,000,000
Electrolytic Corrosion Factor:	1
Insulation Class: (centigrade)	180°
Temperature Resistance:	260°C (500°F)
Resistance to acids, oils, solvents:	EXCELLENT

Size:

Tape Length (Yds):	36
Tape Width (in):	.25", .5", .75", 1", 1.5", 2", cut to size

Applications:

1. Mask for protection of gold fingers of printed circuit boards during wave solder or solder dip process.
2. Release surface in fabrication of parts cured at elevated temperatures.
3. Widely used for electrical insulation on transformer, motor, coils, PCB making, etc.