

TAPE 8258  **E 244657**
Polyimide Pressure-Sensitive Adhesive Tape

DESCRIPTION:

This tape consisting of a polyimide film and silicone adhesive designed for high temperature masking applications, including the protection of printed circuit board gold finger contacts during wave soldering, It is use in electrical insulation applications meeting class H requirements.

MAIN PRODUCT FEATURES:

- 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.

CROSS REFERENCES:

3M(5413), Furon (K250) Permacel(P-221)

TECHNICAL DATA

TECHNICAL DATA	VALUE
Color	Amber
Adhesion Type	Silicone
Backing Thickness (mils)	1
Total Tape Thickness (mils)	2.5
Adhesion to Steel: Oz/inch	25
Tensile Strength (lbs/inch)	30
Elongation: %	>55
Dielectric Strength, volts	6500
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



APPLICATION IDEAS :

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