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Technical Datasheet

Polyimide Masking Discs RoHS Compliant

Description:

Polyimide Masking Discs are made of high temperature polyimide film. These Polyimide Discs are used in masking of circuit boards during wave soldering or other electronic manufacturing processes. They can be used in powder coating, automotive and transformer manufacturing. It has high dielectric strength. These masking discs offer an excellent performance in electrical and thermal insulation.

Product Features:

- Thin and conformable enabling masking of uneven surfaces
- Wide operating temperature range up to 500°F
- Excellent electrical insulation
- Removes without adhesive residue after exposure to heat /chemical.

Applications:

- Mask for protection of gold fingers of PCB during wave solder process.
- Release surface in fabrication of parts cured at elevated temperatures.
- Electrical insulation on transformers, motors, coils, PCB production
- Solar panels

Cross Reference: 3M (5413), Furon (K250), Permacel (P-221), Intertape (4428)

Color	Amber
Adhesion Type	Silicone
Thickness	2.5 Mil
Temperature Rating	500 ⁰ F (260 ⁰ C)
Adhesion to steel	25 oz/in
Tensile Strength	30 lbs/inch
Elongation	>55%
Dielectric Strength	6,5000 V

Due to the variety of possible end-uses, it is ultimately the responsibility of the customer to determine a product's suitability for a particular application.