

P R O D U C T D A T A

KAPTON*-POLYIMIDE FILM

4321

PRODUCT: 4321 KAPTON*

DESCRIPTION: A transparent amber colored polyimide film with a pressure sensitive silicone adhesive system.

USES: Flame resistant electrical insulation, wire and cable wrap, wire bundle termination, splicing of high temperature reflective thermal insulating film. Solder mask for circuit boards. Release surface for heated platens in heat sealing/lamination.

FEATURES/BENEFITS:

Heat Resistant Film Resists high heat of molten solder

Special Adhesive Functions during high temperature soldering and leaves minimal residue when removed after manufacturing process. Reduces clean-up time and minimizes rejects.

Transparent Permits observation of circuit board during processing.

PHYSICAL PROPERTIES:**

Backing	- Polyimide (KAPTON*)
Total thickness	- 2.5 mils
Color	- Amber, transparent
Elongation	- 60% min
Adhesive	- Silicone system
Adhesion to steel	- 36 oz. / in. width
Tensile	- 30 lbs. / in. width

* KAPTON is a registered DuPont product

** Pressure Sensitive Tape Council test method used when applicable. Tests represent typical performance values. Specific values available on request