

P-100 ALUMINUM FOIL/GLASS CLOTH TAPE

APPLICATION

A high temperature **heat and RFI/EMI shielding tape in convenient, easy-to-apply form.** Provides outstanding radiant heat reflectivity and thermal stability at extremely high temperatures for short periods of time.

Used as a **radiant heat shield** for the protection of electrical control wiring and power cables, and other heat-sensitive devices in turbo-jet aircraft engine compartments, around missile rocket engines, and in missile launch pad areas. Outstanding as mask in plasma metal spray applications.

Also recommended for radio frequency interference (RFI) and electro-magnetic interference (EMI) shielding on coils and other small electro-magnetic components...and for enhancement of braid shielded cables and harnesses.

FEATURES AND BENEFITS

- Uniquely combines high tear and tensile strength with flexibility and conformability. The result: a high temperature RFI/EMI shield tape in convenient, easy-to-use form.
- Backing retains physical properties even after thermal degradation of the silicone adhesive into an insulating layer of silica.
- Easy to apply in most applications...by hand or with automated machine taping equipment.

TECHNICAL DATA

Insulation class	108° C
Backing material	1 mil aluminum foil laminated to 2-mil glass cloth
Adhesive	Silicone, cured
Color	Aluminum
Total tape thickness	6.5 mils/0.165 mm
Adhesion to steel	35 oz. per in./390 gm per cm
Tensile strength	100 lbs. per in./17.8 kg per cm
Elongation	5%
Electrolytic corrosion factor, ratio	1.0 by Wire Tensile Method
Gov't specification	MIL-T-83284 (USAF), Amdt I

Note: The above are typical values and should not be used in writing specifications.

STOCK SIZES

Refer to current Electronic Division Price List.

For Additional Information on this Product, Call Toll-Free 1-800-755-TAPE.