

P-440 NAT

PTFE COATED GLASS CLOTH

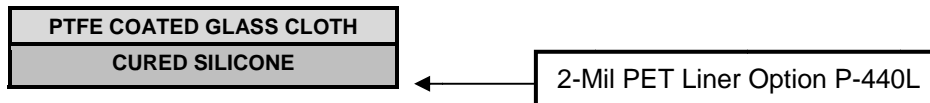
PRODUCT DESCRIPTION

P-440 NAT is the ideal insulating tape for dielectric sealing and embossing. This tape is engineered for use in high temperature ground insulation applications and has excellent puncture resistance making it ideal for use in aerospace, industrial and electrical applications.

FEATURES

- Chemically inert with high temperature resistance.
- Constructed with a resilient, abrasion and deformation resistant backing due to glass cloth support.
- Superior dimensional stability with low coefficient of friction for non-stick anti-friction characteristics.
- Great performer in humid conditions resists wrinkling, blistering and is tear resistant.

PRODUCT CONSTRUCTION



APPLICATION

- Multi-use PTFE impregnated glass cloth tape designed for use as a release surface in resistance and dielectric heat sealing applications.
- Widely used for heavy duty lining in applications such as conveyor belts, chutes, slides or where ever a clean, slick surface is vital to increase the movement of a material or reduce friction.
- Also used in part masking with chemical, cleaning, stripping or electroplating baths and solutions.

PROPERTIES, CERTIFICATIONS AND SPECIFICATIONS

Backing Material	PTFE - impregnated glass cloth	
Adhesive	Cured silicone	
Color	Gray	
	Imperial	Metric
Total Tape Thickness	5.3 mil	0.135 mm
Adhesion to Steel	34 oz/in	3.7 N/10 mm
Tensile Strength	90 lbs/in	157 N/10 mm
Elongation	3%	3%
Dielectric Strength	5,200 volts	5.2 kV
Insulation Class	356°F	180°C
Certifications	UL-510	
Boeing Specifications	BAC 5153	
Government Specifications	FAR 25.853	

*CAUTION: The above are typical values and should not be used in writing specifications. Customer is responsible to ensure product meets intended application requirements before approved for use.

GENERAL STORAGE CONDITIONS

Best stored between 50°F-80°F / 10°C-27°C, 25-50% relative humidity; out of direct sunlight.

PRECAUTION REMINDER

Surface should be clean, free of oil, moisture and dirt before applying. Pressure-sensitive adhesive tapes may require pressure by roller, hand or press when applying. Not doing so may affect the general properties and appearance. Please inspect your surface prior to application; this tape may not adhere well to extremely uneven or distorted surfaces. Please remember to allow adequate time for full adhesive strength.

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