

## P-440 TAN 4-MIL PTFE-COATED GLASS CLOTH

## P-440L TAN 2-MIL PET Liner

### GENERAL DESCRIPTION

P-440/ P-440L 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.

### FEATURES

- Chemically inert.
- High temperature resistance.
- Constructed with a resilient and abrasion resistant backing that exhibits markedly better resistance to cut-through cold flow, deformation and shrinkage than unsupported PTFE.
- Superior dimensional stability.
- Low coefficient of friction makes for excellent non-stick and anti-friction characteristics.
- Performs well under humid conditions, resists wrinkling and blistering, and is tear resistant.
- Carries a Class 180° C electrical rating.

### PRODUCT CONSTRUCTION



**PTFE Coated Glass Cloth**

**Adhesive Layer**

**2-Mil with PET Liner**

### 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 of conveyor guides, chutes and slides - wherever a clean, slick and rugged surface is vital to speed up the movement of materials.
- Also recommended for masking parts placed in chemical, cleaning, stripping or electroplating baths and solutions and to wrap conveyor hangers that pass through paint and coating lines.

### PROPERTIES

<b>Backing Material</b>	PTFE - impregnated glass cloth	
<b>Adhesive</b>	Cured silicone	
<b>Color</b>	Gray	
	<b>Imperial</b>	<b>Metric</b>
<b>Insulation Class</b>	356°F	180°C
<b>Total Tape Thickness</b>	5.3 mils	0.135 mm
<b>Tensile Strength</b>	90 lbs/in	157 N/10 mm
<b>Elongation</b>	3%	3%
<b>Adhesion to Steel</b>	34 oz/in	3.7 N/10 mm
<b>Dielectric Strength</b>	5,200 volts	5.2 kV
<b>Flammability Rating</b>	Passes UL-510 Flame Test	

\*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.