

P-440 TAN

PTFE COATED GLASS CLOTH

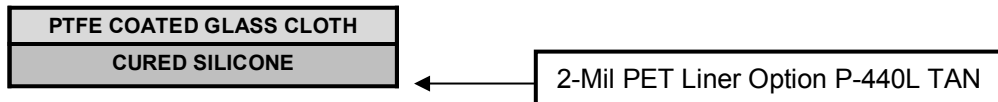
PRODUCT DESCRIPTION

P-440 TAN 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 excellent 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

- A PTFE impregnated glass cloth tape designed for use as a release surface in resistance and dielectric heat sealing applications.
- Heavy duty lining applications, conveyor belts, and anywhere extreme tensile strength is needed.
- Used in masking against chemicals, 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	7.44 N/20 mm
Tensile Strength	90 lbs/in	315 N/20 mm
Elongation	3%	
Dielectric Strength	5,000 volts	5kV
Insulation Class	356°F	180°C
Certifications	UL-510, ISO /IATF/AS: https://www.nitto.com/us/en/about_us/Americas/americas_certification/	
Boeing Specifications	BAC 5153	
Government Specifications	14 CFR 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.

SHELF LIFE & GENERAL STORAGE CONDITIONS

The general shelf life and storage conditions for this Nitto, Inc. product are as follows:

- Shelf life for this product is TWENTY FOUR MONTHS FROM DATE OF SHIPMENT.
- 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.

WARRANTY INFORMATION

Unless Nitto agrees otherwise in a written agreement signed by Nitto, the warranty information and other terms of sale can be found in the Nitto Terms and Conditions of Sale in the legal section of www.nitto.com and are hereby incorporated by reference.

TECHNICAL SUPPORT

For questions pertaining to this data sheet or for additional product information; please email us directly at support.us@nitto.com