

## P-424 NAT

### 10-MIL PTFE FILM TAPE

#### PRODUCT DESCRIPTION

P-424 NAT is a thicker, enhanced version of P-422 NAT. It has excellent high and low temperature capabilities, is a great choice for die-cut insulators and is ideal for use in the aerospace and electrical markets.

#### FEATURES

- Operates effectively over a wide temperature range between 250°F/500°F - 121°C/ 260°C.
- Impervious to most chemical attacks including many acids, solvents, fuels and a variety of alkalies.
- The PTFE backing provides a low coefficient of friction which helps create a slicker surface promoting faster movement of various devices and or materials.

#### PRODUCT CONSTRUCTION

PTFE FILM
CURED SILICONE

#### APPLICATION

- This is the ideal tape for maximum wear resistance when abrasion resistance plays a critical factor.
- Widely used whenever a slick surface is required to help speed the movement of materials and reduce wear on expensive metal parts such as rollers or on bearing surfaces.

#### PROPERTIES, CERTIFICATIONS AND SPECIFICATIONS

<b>Backing Material</b>	PTFE Film	
<b>Adhesive</b>	Cured Silicone	
<b>Color</b>	Gray	
	<b>Imperial</b>	<b>Metric</b>
<b>Total Tape Thickness</b>	11.6 mil	0.295 mm
<b>Tensile Strength</b>	60 lbs/in	114 N/10 mm
<b>Elongation</b>	475%	475%
<b>Adhesion to Steel</b>	45 oz/in	4.9 N/10mm
<b>Dielectric Strength</b>	22,800 volts	22.8 kV
<b>Insulation Class CSA</b>	356°F	180°C
<b>Insulation Class UL</b>	356°F	180°C
<b>Certifications</b>	UL-510 & CSA C-22-2	
<b>Boeing Specifications</b>	BAC 5034-4	

\*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.

## WARRANTY INFORMATION

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