

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

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

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