

P-423 2-MIL BONDABLE PTFE FILM TAPE

APPLICATION

Etched backside for **outstanding bondability**. The ideal tape **where electrical varnishes and epoxy resins are used**. And, high adhesion to backing makes P-423 ideal for use as **continuously served harness wrap** as base for resin coatings.

Plus...bondable backing is **directly printable** with conventional printing methods and inks.

Also recommended for use in wrapping applications over small diameters and where coatings are required to bond to the tape surface...as barrier insulation and outer protective insulating wraps...as ground and phase insulation...for bundling end turns...and for insulating connections in small high frequency, fine wire wound resin encapsulated motors for aerospace service.

FEATURES AND BENEFITS

- Bondable backing offsets the anti-stick property of conventional PTFE film for applications requiring coatings to wet-out and adhere to the tape surface.
- Provides unsurpassed dielectric strength for its thickness over the widest range of temperatures for high voltage insulation.
- Excellent conformability.
- Tough, high abrasion and tear resistance.
- Bondability without interliner facilitates the handling and application of P-423.

TECHNICAL DATA

Backing material	Bondable PTFE film
Adhesive	Cured silicone
Color	Natural (Dark Gray)
Total tape thickness	3.8 mils/0.089 mm
Tensile strength	30 lbs. per in./5.36 kg per cm
Elongation	100%
Adhesion to steel	25 oz. per in./279 gm per cm
Dielectric strength	9,500 volts
Unwind @ 150 FPM	7.0 oz. per in./78 gm per cm
Insulation resistance	1 x 10 ⁶ megohms
Gov't specification	MIL-I-23594 Type II, Class1 ASTM D2686, Type II, Grade A

Note: The above are typical values and should not be used in writing specifications.

STOCK SIZES

Refer to current Industrial Division Price List.

For Additional Information on this Product, Call Toll-Free 1-800-755-TAPE.