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DeWAL INDUSTRIES

15 RAY TRAINOR DRIVE, SAUNDERSTOWN RI, 02874 USA

D/W 201

SKIVED PTFE

PRODUCT DESCRIPTION

DW 201 is skived from a modified homopolymer PTFE (Dupont NXT70)resin containing a higher level of a fully fluorinated comonomer. The incorporation of the comonomer yields a materail with improved electrical and physical properties. This film can be thermally bonded (fused) to itself (625 - 650 degrees F). The modified homopolymer resin exhbits chemical resistance equivalent to that of homopolymer PTFE. Its tensile strength is approximately 25% higher, and the elongation is approximately 60% higher than for homopolymer PTFE. Because of these properties DW 201 is often a good substitute for melt processable films such as PFA. Product can be supplied etched for bonding.

APPLICATION INFORMATION

DW 201 may be thermally fused to itself making possible the fabrication of structures used in medical applications, as well as other products fabricated by thermally welding of films together. DW 201 can also be used as a high dielectric strength fusible wrap in electrical and electronic cable applications. It can be used as a bonding film in the circuit board industry.

TECHNICAL DATA

PROPERTY	TEST METHOD	DATA
Backing Material		PTFE Film
Tensile Strength (psi)	ASTM-D 882	6000
Elongation (%)	ASTM-D 882	500
Dielectric Strength (Volts)	ASTM-D 149	2800
Max. Operating Temp. (F)		500

AVAILABILITY

Core Dia. (in)	3"
Width (in.)	.25 - 50
Thickness (mils)	.0005 - .040
Max. Roll O.D. (in)	14

*The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes. DeWAL requests the opportunity to work with you on specifications