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DeWAL INDUSTRIES

15 RAY TRAINOR DRIVE, SAUNDERSTOWN RI, 02874 USA

D/W 220

SKIVED PTFE

PRODUCT DESCRIPTION

A Skived PTFE film that is produced from a modified homopolymer PTFE resin containing <1% of a fully fluorinated comonomer. The incorporation of the comonomer yields a material with improved electrical and physical properties. This film can be thermally fused to itself. The modified homopolymer resin exhibits chemical resistance equivalent to that of a standard homopolymer PTFE. It's tensile strength is approximately 10% higher and the elongation is approximately 30% higher than for a standard homopolymer PTFE.

APPLICATION INFORMATION

With its ability to be heat fused, this film finds applications in the convoluted PTFE hose industry as a inner liner material.

TECHNICAL DATA

PROPERTY	TEST METHOD	DATA
Base Film		PTFE
Tensile Strength (psi)	ASTM-D 882	6000
Elongation (%)	ASTM-D 882	400
Dielectric Strength (Volts)	ASTM-D 149	2500
Max. Operating Temp. (F)		500
AVAILABILITY		
Thickness (mils)	.001-.040	
Width (in.)	.25-50	
Core I.D.	3"	
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

FOR ADDITIONAL INFORMATION PLEASE CALL DeWAL 1-800-366-8356