



100% PTFE CrossFilm™

			CrossFilm™
General Properties	Units	Test Method	
Specific Gravity		ASTM D792	2.15
Flammability		UL-94	V-0
Water Absorption	%		<0.3
Mechanical Properties			
Tensile Strength	lbs/inch (N/50 mm)		12 (105) - 230 (2000)
Tear Strength	Lbs (N)		11 (49) - 175 (780)
Elongation at Break	%	ASTM D882	400
Thermal Properties			
Continuous Use Temp	°F (°C)	UL-746 B	600 (316)
Melt Point	°F (°C)	ASTM D3418	620 (327)
Electrical Properties			
Dielectric Constant 1kHz		ASTM D150	1.8 Nominal
Product Offering			
Width	inches (mm)		60" (1524)
Overall Weight	oz/yd ² (g/m ²)		4.0 (136) - 120 (4069)
Thickness	Inches (mm)		0.002 (0.05) - 0.060 (1.5)
Standard Colors			Black, Blue, Gray, Green, and Red
Applications, Markets			
Chemical Process			•
Fabric Expansion Joints			•
Insulation Jacketing			•
Floating Roof Seals & Wipers Seals			•
Flexible Ducting			•
Geomembranes & Tank Liners			•
Belting, Conveying and Food Processing			•
Radome Covers			•