

Properties of Fluoro-Stat™ 102

PROPERTY	VALUES	ASTM TEST METHODS
WEAR & FRICTION		
Coefficient of dynamic friction (against wet polished steel)	.04-.08	D1894
Paper running against roll	4x FEP life	Field Testing
PHYSICAL		
Thickness Range	.060"	
Diameter Range	Up to 15'	
Flammability	Non-Flammable	D635
Ultimate Tensile Test	3000 psi	D882-61T
Elongation	100%	D882-61T
% Diameter Shrinkage @ 300°F	10% minimum	
Machining Qualities	Excellent	
Color	Black	
Wettability (Contact Angle)	108°	
CHEMICAL		
Effect of all acids	None *	D543
Effect of all alkalies	None *	
Effect of all organic solvents	None *	
Water absorption 1/8" thickness	<0.01%	
ELECTRICAL		
	Prevents static charge build-up	
TEMPERATURE		
	No visible change or embrittlement with time or temperature at 400°F	

Notes: * No visible change, pitting or embrittlement in spite of time or temperature



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