

Roll Covers made with TEFLON® PFA

Properties

PROPERTY	ASTM TEST METHOD	VALUE
THERMAL		
Melting Point		588°F (309°C)
Temperature Required for Shrinkage		250°F (120°C)
Flammability	D635	Non-Flammable
Continuous Operating Temperature <i>*Temperature depends upon adhesive type and application.</i>		*500°F (260°C)
PHYSICAL		
Diameter Range		1" (25mm) to 15' (4.5m)
Thickness Range		.020", .060" (.5mm, 1.5mm)
Tensile Strength MPa		42.8
Tensile Elongation		430%
Flexural Modulus (73°F) (23°C)	D790	90,000psi (586MPa)
Hardness-Durometer	D2240	D-55
Release Characteristics		Equivalent to TEFLON® PTFE
Clarity		
Wettability (Contact Angle)		115
Coefficient of Friction	Dynamic (<ft/min)	0.2
CHEMICAL		
Effect of all Acids	D653	None*
Effect of all Alkalies	D543	None*
Effect of all Organic Solvents	D543	None*
Water Absorption	D570	<0.03%
Weather Resistance	Florida 20 Years	Unaffected

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