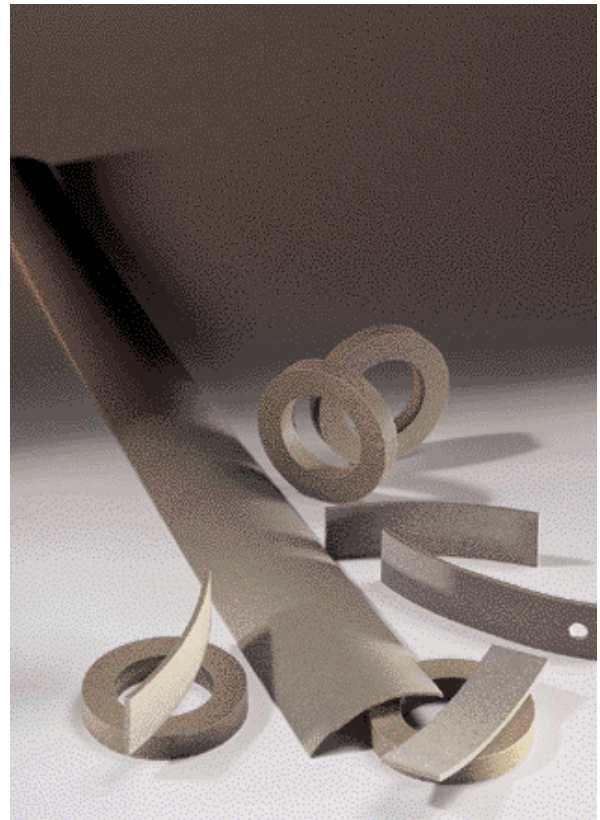


RULON® 957

Rulon® 957 is a speckled green material that was developed specifically for noise dampening and abrasion resistance, such as in commercial or residential clothes dryers.

It provides low friction operation on softer mating surfaces at higher loads than Rulon® J.

This material also offers excellent performance on coated metals, particularly porcelain. Among its many benefits are an overall reduction of the weight of the finished product, vibration absorption, and cost reduction due to rapid manufacturing methods.



DESIGN CRITERIA RULON 957

Temperature - Typical Range °F (°C)	-400/+550 (-240/288)*
Maximum PV (continuous)(MPa•m/s)	10,000 (0.35)*
Maximum P - psi (static)(MPa)	1,000 (6.9)*
Maximum V -SFM (no load)(m/s)	400 (2)*
Shaft Hardness - Minimum	Rb25
Shaft finish recommended Ra (μ"/μm)	8 - 16 (0.2-0.4)
Shaft/Mating Material	Hard, Mild and Stainless Steel and porcelain coated
ENGINEERING INFORMATION	
Friction - static & dynamic (Dynamic, 20 psi, 360 sfm)	.15 - .25
Water Absorption ASTM D570	0%
Flammability ASTM D635	Non-Flammable
Chemical Resistance	Good
Linear Coefficient of Thermal Expansion (78°-200°F) (26° -93°C)	Diameter 3.5x10 ⁻⁵ (6.3)* Length 6.2x10 ⁻⁵ (11.2)*
PHYSICAL DATA	
Elongation ASTM D638	200%
Tensile Strength ASTM D638(MPa)	2200 psi (15.2)*
Deformation (1500 psi - 24 hr. RT)	4%
Specific Gravity	2.25

A more complete data sheet is available upon request.
*Metric measurements in parentheses

TYPICAL PRODUCT AND APPLICATION DESCRIPTION

PRODUCTS	APPLICATIONS
<ul style="list-style-type: none"> Automatically molded bearings & components Sleeve, flanged and thrust bearings Piston Rings Stamped glides Extruded shapes Machined parts Molded shapes 	<ul style="list-style-type: none"> Clothes Dryers Mixers Compressors Ovens and Dryers Automotive Insulators Linear slides Sanders Wear bands