



GARLOCK STYLE 2940

Color:	Grey-Black
Binder:	Styrene-Butadiene (SBR)
Fluid Services:	Water, low pressure saturated steam, inert gases
Temp., Max.:	+700°F (+371°C)
Continuous Operating Temp.:	400°F (204°C)
Min. Temp.:	-40°F (-40°C)
Pressure, Max.:	1000 psi (69 bar)
P x T, Max.:	350,000 - 1/16", 1/32" 250,000 - 1/8"

ASTM		
<u>Test Method</u>	<u>Physical Properties</u>	<u>Style 2940</u>
F37	Sealability	
	Milliliters/Hr. Leakage, ASTM Fuel A (isooctane):	1.0
	Gasket Load, 500 psi Internal Pressure, 9.8 psi	
	Nitrogen:	2.0
	Gasket Load, 3000 psi Internal Pressure, 30 psi	
F36	Recovery - Min. Percent	50
F36	Compressibility - % Range	7-17
F38	Creep Relaxation - % Relaxation	23.0
F146 Fluid Resistance After Five Hour Immersions		
	<u>ASTM #1 Oil @ +300°F</u>	
	Thickness Increase Range:	0-15%
	Weight Increase, Max.:	20%
	<u>ASTM #3 Oil @ +300°F</u>	
	Thickness Increase Range:	15-25%
	Tensile Loss, Max.:	70%
	<u>ASTM Fuel A @ 70-85°F</u>	
	Thickness Increase Range:	0-20%
	Weight Increase, Max.:	25%
	<u>ASTM Fuel B @ 70-85°F</u>	
	Thickness Increase Range:	10-25%
	Weight Increase, Max.:	30%
F152 Tensile Strength		1500
	Across Grain, psi:	(11.7 MPa)
	Density - lbs./ft. ³	105 (1.68)

Note: Test results in accordance with ASTM F104; properties based on 1/32" (0.8mm) sheet thickness.