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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): Gasket Load, 500 psi Internal Pressure, 9.8 psi Nitrogen: Gasket Load, 3000 psi Internal Pressure, 30 psi	1.0 2.0
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: Weight Increase, Max.:	0-15% 20%
	<u>ASTM #3 Oil @ +300°F</u> Thickness Increase Range: Tensile Loss, Max.:	15-25% 70%
	<u>ASTM Fuel A @ 70-85°F</u> Thickness Increase Range: Weight Increase, Max.:	0-20% 25%
	<u>ASTM Fuel B @ 70-85°F</u> Thickness Increase Range: Weight Increase, Max.:	10-25% 30%
F152	Tensile Strength Across Grain, psi:	1500 (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.