

Engineered Industrial Products Garlock Sealing Technologies 1666 Division Street Palmyra, New York 14522 1-315-597-4811 1-800-448-6688 Fax: 1-800-543-0598 www.garlock.net

Garlock Style 2400

Material: Organic/Inorganic Fiber Blend w/Nitrile Binder Color: Gray Fluid Services: Water, Aliphatic Hydrocarbons, Oils, Gasoline, Saturated Steam		Temperature: min:-40°F (40°C) (cont. oper.): 400°F (205°C) (max.): +700°F (371°C) Pressure (max.): 1000 psi (70 bar) P x T (max.) ¹ : 350,000 (12,000) 1/16" and 1/32" 250,000 (8,600) 1/8"	
NOTE: Anti-stick coating contains PTFE			
<u>TEST METHOD</u> <u>RESULTS</u> ASTM F-37B	PHYSICAL PROPERTIES		<u>TYPICAL</u>
	Sealability ml/hr. Leakage, ASTM Fuel A (isooctane): Gasket Load, 500 psi (3.5 N/mm ²) Internal Pressure, 9.8 psig (.7 bar) Nitrogen: Gasket Load, 3000 psi (20.7 N/mm ²) Internal Pressure, 30 psig (2 bar)		1.0
			1.5
ASTM F-36	Recovery (%):		50
ASTM F-36	Compressibility, (%):		10-20
ASTM F-38	Creep Relaxation, (%): 22 hrs. @ 212°F (100°C)		20
ASTM F-146	Fluid Resistance Afte ASTM #1 Oil @ +300°l	er Five Hours Immersions F (+150°C)	
	Thickness Increase Ra	nge, %:	0-10%
	Weight Increase, Maximum, %: <u>ASTM IRM #903 Oil @ +300° F(+150°C)</u>		15%
	Thickness Increase Ra		0-15%
	Tensile Loss, Maximun	n, %:	35%
	ASTM Fuel A @ 70 - 8	· · · · · · · · · · · · · · · · · · ·	0-10%
	Thickness Increase Range, %: Weight Increase, Maximum, %:		10%
	<u>ASTM Fuel B @ 70 - 85°F(20-30°C)</u>		
	Thickness Increase Ra		0-10%
	Weight Increase, Maxir	num, %.	15%
ASTM F-152	Tensile Strength (psi)		
	Across Grain, psi (N/m	m ²):	1750 (12)
	Density , lbs./ft. ³ (gram	s/cm ³):	98 (1.57)

NOTE: This is a general guide and should not be the sole means of selecting or rejecting this material. ASTM test results are in accordance with ASTM 104; properties based on 1/32" (0.8 mm) sheet thickness (except as noted). ¹ P x T, max. = psig x $^{\circ}$ F (bar x $^{\circ}$ C) 1/04