

Garlock STYLE 3700
BLUE-GARD® Gasketing

Material:	Aramid Fiber w/ EPDM Binder	Minimum Temperature ¹ : -100°F (-75°C)
Color:	Light Grey	Continuous Operating Temp. ¹ : 400°F (205°C)
		Maximum Temperature ¹ : +700°F (371°C)
Fluid Services ³ :	Water, Saturated Steam, Mild Chemicals	Pressure, Max. ¹ : 1200 psi (83 bar)
		P x T, Max. ^{1,2} : 350,000 (12,000) 1/16" & 1/32"
		250,000 (8,600) 1/8"

ASTM TEST METHOD	TYPICAL PHYSICAL PROPERTIES	STYLE 3700
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	0.1 0.7
F36	Recovery , min. percent	40
F36	Compressibility , percent range	7 - 17
F38	Creep Relaxation , percent	24.5
F146	Fluid Resistance After Five Hours Immersions: ASTM #1 Oil @ +300°F Thickness Increase Range Weight Increase, Maximum ASTM #3 Oil @ +300°F Thickness Increase Range Tensile Loss, Maximum ASTM Fuel A @ 70-85°F Thickness Increase Range Weight Increase ASTM Fuel B @ 70-85°F Thickness Increase Range Weight Increase, Maximum	20- 35% ---- 60-100% ---- 10-40% ---- 20-50% ----
F152	Tensile Strength , Across Grain, psi Density , grams/cm ³ (lbs./ft. ³):	2500 (17 MPa) 100 (1.60)

NOTES: This is a general guide and should not be the sole means of selecting or rejecting this material. ASTM test results in accordance with ASTM F-104; properties based on 1/32" (0.8mm) sheet thickness.

¹ Based on ANSI RF flanges at our preferred torque. When approaching maximum pressure, continuous operating temperature, minimum temperature or 50% of maximum P x T, consult Garlock Applications Engineering. Minimum temperature rating is conservative.

² P x T, max. = psig x °F (bar x °C)

³ See Garlock chemical resistance guide.