



GARLOCK STYLE G-9900
Compressed Graphite Fiber Gasketing

Color: Mahogany with Blue Brand
 Binder: Nitrile (NBR)
 Fluid Services: Saturated Steam, Water, Inert Gases, Aliphatic Hydrocarbons, Oils, Gasoline, Mild Acids and Mild Alkalies
 Temp., Max.: +1000°F (+540°C); Continuous Operating Temp. +650°F (+340°C)
 Pressure, Max.: 2000 psi
 P x T, Max.: 700,000 (25,000) – 1/32”&1/16” , 350,000 (12,000) – 1/8”

<u>ASTM Test Method</u>	<u>Typical Physical Properties</u>	<u>G-9900</u>
F37	<u>Sealability</u> Milliliters/Hr. Leakage, <u>ASTM Fuel A (isooctane):</u> Gasket Load, 500 psi Internal Pressure, 9.8 psi <u>Nitrogen:</u> Gasket Load, 3000 psi Internal Pressure, 30 psi	0.1 0.1
F38	<u>Creep Relaxation</u> - % Relaxation	9.0
F36	<u>Recovery</u> - Min. Percent	65
F36	<u>Compressibility</u> - % Range	7 - 17
F146	<u>Fluid Resistance After Five Hour Immersions :</u> <u>ASTM #1 Oil @ +300°F</u> Thickness Increase Range: Weight Increase, Max.: <u>ASTM #3 Oil @ +300°F</u> Thickness Increase Range: Tensile Loss, Max.: <u>ASTM Fuel A @ 70-85°F</u> Thickness Increase Range: Weight Increase, Max.: <u>ASTM Fuel B @ 70-85°F</u> Thickness Increase Range: Weight Increase, Max.:	0 - 5% 10% 0-10% 35% 0 - 5% 7% 0-10% 15%
F152	<u>Tensile Strength</u> - Across Grain, psi: <u>Density</u> - lbs./ft. ³ (grams/cm ³):	1800 110 (1.76)
Specification:	ABS Approved	

NOTE: Test results in accordance with ASTM F104 properties based on 0.8mm(1/32”) sheet thickness. 11/01

