Garlock GYLON® Style 3565
ENVELON® Gasketing

ASTM TEST METHOD	TYPICAL PHYSICAL PROPERTIES	GYLON STYLE 3565
F37	Sealability Milliliters/Hr. Leakage ASTM Fuel A (isooctane) Gasket Load, 1000 psi Internal Pressure, 9.8 psi	0.33
F36	Recovery, min. percent	35
F36	Compressibility, percent range	35-50
F38	Creep Relaxation, percent	35
D1708	Modulus @ 100% Elongation, psi	1300
D792	Specific Gravity	1.65
F152	Tensile Strength, psi	1800

Material:	GYLON Exterior / GYLON Interior
Color:	White Exterior / Blue Interior
Temperature, max.[1]:	-450ºF (-268ºC) to +500ºF (+260ºC)
Pressure, max.[1]:	1200 psi
P x T, max.[1]:	350,000
Flammability:	Will Not Burn
Bacterial Growth:	Will Not Support
Specifications:	Conforms to F.D.A. Specifications

ASTM F104 Line Call Out - (Based on 1/16"thickness) F457999A9B6E99M6

Fourth Numeral 9: Thickness Increase in ASTM #3 Oil = 1.0% maximum
Fifth Numeral 9: Weight Increase in ASTM #3 Oil = 2.0% maximum
Sixth Numberal 9: Weight Increase in H_2O = 1.0% maximum
A9: ***ASTM Fuel A Leakage: 1.0 ml/hr maximum (0.33 ml/hr typical)
E99: Weight Increase in ASTM Fuel B = 2.0% maximum
Thickness Increase in ASTM Fuel B = 1.0% maximum

NOTES:
*This is a general guide and should not be the sole means of selecting or rejecting this material. ASTM test results with ASTM F-104; properties are based on 1/16" (1.5 mm) sheet thickness.
[1] Based on ANSI RF flanges at our preferred torque. When approaching maximum pressure, temperature or 50% of maximum PxT, consult Garlock Applications Engineering.

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