



Engineered Industrial Products  
**Garlock Sealing Technologies**  
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## Garlock<sup>®</sup> Style 3545 GYLON<sup>®</sup> Gasketing

Material: Microcellular PTFE with a solid PTFE core

Color: White

Fluid Services: Strong acids & caustics, solvents, hydrocarbons, steam, water, refrigerants, hydrogen peroxide, cryogenics

Temperature (minimum): -450 F (-268 C)  
(maximum): +500 F (+260 C)

Pressure (maximum): 1200 psig (83 bar)

P x T (maximum)<sup>1</sup>: 350,000 (12,000) - 1/32" & 1/16" , 250,000 (8,600) - 1/8"

<u>TEST METHOD</u>	<u>PHYSICAL PROPERTIES</u>	<u>TYP. RESULTS</u>
ASTM F-37	<b>Sealability</b> ml/hr. Leakage, <b>ASTM Fuel A (isooctane):</b> Gasket Load, 500 psi (3.5 N/mm <sup>2</sup> ) Internal Pressure, 9.8 psig (.7 bar)	0.15
DIN 3535:	<b>Permeation</b> , cc/min. Leakage:	0.02
ASTM F-36	<b>Recovery</b> , min. (%):	15
ASTM F-36	<b>Compressibility</b> , (%) range:	60-70
ASTM F-38 Method B	<b>Creep Relaxation</b> , (%): 22 hrs. @ 212° F (100° C)	15
ASTM Line Call Out:		F419000A9B2
Specifications	Conforms to FDA Regulations	

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 0.8 mm (1/32") sheet thickness except as noted.

<sup>1</sup> P x T, max. accounts for the combination of the pressure and temperature