

**BLUE GYLON**

# Specification Sheet



## About the Product

The advantages of this product include a tighter seal, improved performance compared to traditional PTFE, reduced product loss and emissions, and reduced creep relaxation.

Additionally, this product offers excellent bolt torque retention and chemical resistance, making it suitable for a wide range of applications. It also provides cost savings by reducing fluid loss, energy consumption, maintenance costs, inventory costs, and waste.

<b>MATERIAL:</b>	<b>PTFE with Aluminosilicate microspheres</b>
<b>COLOUR:</b>	<b>BLUE</b>
<b>TEMPERATURE FROM:</b>	<b>-268C</b>
<b>TEMPERATURE TO:</b>	<b>260C</b>
<b>PRESSURE:</b>	<b>800</b>
<b>FLAMMABILITY:</b>	<b>WILL NOT BURN</b>
<b>BACTERIAL GROWTH:</b>	<b>WILL NOT SUPPORT</b>
<b>COMPRESSION:</b>	<b>25-45</b>
<b>RECOVERY:</b>	<b>30</b>
<b>TENSILE psi (N/mm<sup>2</sup>):</b>	<b>13.8</b>
<b>THERMAL CONDUCTIVITY (K):</b>	<b>0.14-0.24</b>
<b>ELONGATION psi (N/mm<sup>2</sup>):</b>	<b>10.3</b>

**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 unless otherwise mentioned.**

### SEALING CHARACTERISTICS\*

	ASTM F37B Fuel A	DIN 3535-4 Gas Permeability
<b>Gasket Load, psi (N/mm<sup>2</sup>):</b>	1000 (7)	4640 (32)
<b>Internal Pressure, psig (bar):</b>	9.8 (0.7)	580 (40)
<b>Leakage</b>	<b>0.12 ml/hr.</b>	<b>&lt;0.015 cc/min</b>

**\* Values do not constitute specification Limits**

QUALITY ASSURED PRODUCTS WITH FULL TRACEABILITY  
Care should be taken in selecting the most suitable quality for each application.  
Advice is available but final responsibility remains with the customer.