

Technical Data Sheet

MATERIAL PROPERTIES*:

MATERIAL PROPERTIES*:	Multi-Swell™ 3760
Colour:	Blue/Off-White
Composition:	Synthetic fibres with a proprietary rubber binder
Fluid Services:	Water, aliphatic hydrocarbons, oils and gasoline
Temperature ¹ , F (°C)	
Minimum:	-100 (-73)
Continuous Maximum:	+400 (+205)
Pressure ¹ , Maximum, psig (bar):	500 (34.5)
P x T (max.) ¹ , psig x F (bar x °C):	
1/32 and 1/16":	150,000 (5,100)
1/8"	100,000 (3,400)
Meets Specifications:	ABS (American Bureau of Shipping)



TYPICAL PHYSICAL PROPERTIES*:

ASTM F36	Compressibility, average, %:	15
ASTM F36	Recovery, %:	40
ASTM F38	Creep Relaxation, %:	30
ASTM D1708	Tensile, Across Grain, psi (N/mm ²):	1000 (6.9)
ASTM F1315	Density lbs/ft ³ (grams/cm ³):	85 (1.36)

	ASTM F37B – Fuel A	ASTM F37B – Nitrogen
Gasket Load, psi (N/mm²):	500 (3.5)	3000 (20.7)
Internal Pressure, psig (bar):	9.8 (0.7)	30 (2)
Leakage	0.20 ml/hr.	0.40 ml/hr

SEALING CHARACTERISTICS*

Notes: * This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us. ASTM test results in accordance with ASTM F-104; properties

¹ Based on ANSI RF flanges at our preferred torque. When approaching maximum pressure, continuous operating temperature, minimum temperature or 50% of maximum PxT, consult us. Minimum temperature rating is conservative.

² The MULTI-SWELL™ product is intended for use in water, oils, and fuels (liquids). Therefore, while gas (nitrogen) m & y values are provided, the liquid values are more appropriate when comparing to existing flange designs.

Asbestos Free



Certificate Number: 14352
 ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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