

Colour	Off-White
Fibre System	Synthetic
Binder	Proprietary Blend SBR
Temperature	
Min	-73°C (-100°F)
Max	344°C (650°F)
Continuous, Max	205°C (400°F)
Pressure	
Max, bar (psi)	69 (1,000)
Continuous, bar (psi)	34.5 (500)
Density, g/cc (lbs/ft <sup>3</sup> ) ASTM F1315	1.65 (103)
Compressibility, % ASTM F36	7-17
Recovery, % ASTM F36	50
Creep Relaxation, % ASTM F38	<30
Tensile Strength, MPa (psi) ASTM F152	14.8 (2,100)
Fluid Resistance, ASTM F146 IRM 903 Oil 5hrs at 300°F	
Thickness Increase, %	<75
Weight Increase, %	<50
ASTM Oil #1 5hrs at 70°F	
Thickness Increase, %	15-30
Weight Increase, %	<30
Nitrogen Sealability, cc/min ASTM 2378	0.01
Flexibility ASTM F147	4x

Note: ASTM properties are based on 1/16" sheet thickness, except ASTM F38 which is based on 1/32" sheet thickness. This is a general guide only and should not be the sole means of accepting or rejecting this material. The data listed here falls within the normal range of product properties, but should not be used to establish specifications limits nor used alone as the basis of design. For applications above Class 300, contact our technical department.



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Durlon 7760 REV 2016-4

A gasket material for demanding applications that require excellent sealability, conformity to flange surfaces and recovery. The material is designed to swell when in contact with oils and fuels which helps increase the gasket stress for applications that require increased gasket loading that may be previously limited due to insufficient bolting or flange constraints. Applications include water, fuel, oils, coolants and heavy duty equipment applications such as oil pan covers, gear case and flywheel housings.

Gasket Factors	
	<u>1/16"</u>
m	6.9
Y, psi (MPa)	2,412
G <sub>b</sub> , psi (MPa)	95 (0.655)
a	0.609
G <sub>s</sub> , psi (MPa)	4 (0.027)

#### Anti-Stick Properties:

Much effort has gone into improving the anti-stick release agents of all compressed Durlon® products. All Durlon® compressed gasket materials have passed the MIL-G-24696B Navy Adhesion Test (366°F/48hrs).

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