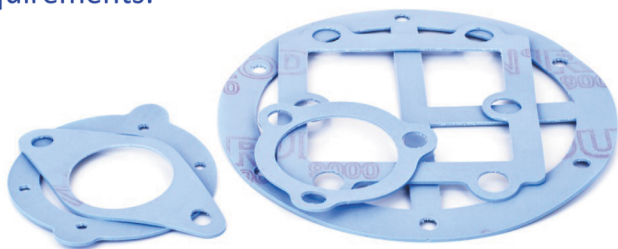


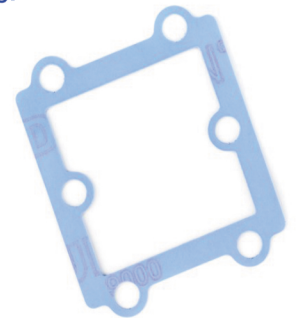
Colour	Light Blue
Fibre System	Inorganic
Temperature	
Min	-212°C (-350°F)
Max	271°C (520°F)
Continuous, Max	260°C (500°F)
Pressure, max, bar (psi)	96.5 (1,400)
Density, g/cc (lbs/ft ³)	2.1 (131)
Compressibility, % ASTM F36	5-20
Recovery, % ASTM F36	40
Creep Relaxation, % ASTM F38	35
Tensile Strength, across grain ASTM F152, MPa (psi)	13.8 (2,000)
Sealability ASTM F2378 (Nitrogen), cc/min	0.01

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.

Durlon® 9007 is designed for use in process piping and equipment in chemical, pulp and paper, food and beverage and other general industrial applications where resistance to highly aggressive chemicals is required. Durlon® 9007 conforms to FDA requirements.



Durlon® 9007 is formulated with a homogenous blend consisting only of pre-shaped inorganic fillers, pure PTFE resins, and pigment. It is suitable for use in steel flanges and does not exhibit the cold flow problems associated with virgin PTFE or the hardness problems of silica-filled PTFE. Unlike generic glass fibre filled PTFE, the shapes of the fillers used in Durlon® 9007 do not allow wicking of media through the gasket which can lead to corrosion on flange surfaces.



Gasket Factors		
	1/16"	1/8"
m	2.3	4.9
Y, psi (MPa)	1,997 (12.7)	1,711 (11.7)
G _b , psi (MPa)	648 (4.4)	509 (3.5)
a	0.210	0.269
G _s , psi (MPa)	58 (0.39)	68 (0.46)

