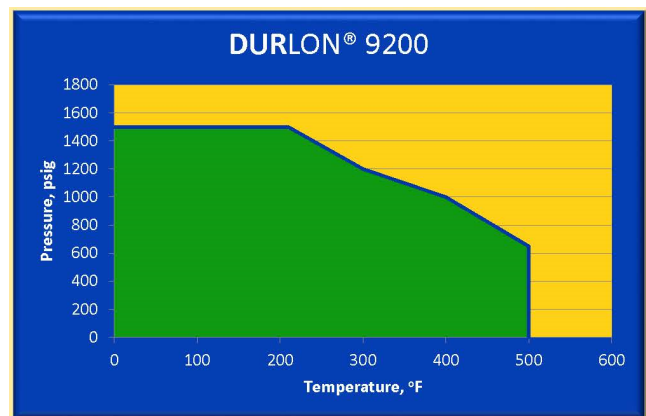


Colour	Granite White
Filler System	Barium Sulfate
Temperature	
Min	-212°C (-350°F)
Max	271°C (520°F)
Continuous, Max	260°C (500°F)
Pressure, max, bar (psi)	103 (1,500)
Density, g/cc (lbs/ft <sup>3</sup> )	2.5 (156)
Compressibility, %	8-16
ASTM F36	
Recovery, %	35
ASTM F36	
Creep Relaxation, %	30
ASTM F38	
Tensile Strength, across grain	13.2 (1,920)
ASTM F152, MPa (psi)	
Nitrogen Sealability, cc/min	0.01
ASTM 2378	

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® 9200 is a filled PTFE gasket material designed for use in process piping and equipment in chemical, pulp and paper, food and beverage and other general industrial applications. It can be used where resistance to highly aggressive chemicals is required.



Warning: Durlon® gasket materials should never be recommended when both temperature and pressure are at the maximum listed. Properties and applications stated are typical. No applications should be undertaken by anyone without independent study and evaluation for suitability. Never use more than one gasket in one flange joint and never reuse a gasket. Improper use or gasket selection could cause property damage and/or serious injury. Data reported is a compilation of field testing, field service reports and/or in-house testing. While the utmost care has gone into publishing the information contained herein, we assume no responsibility for errors. Specifications and information contained in this flyer are subject to change without notice. This edition cancels and obsoletes all previous editions.

Barium sulfate fillers are homogeneously blended with pure PTFE resins to give Durlon® 9200 its physical and mechanical properties. Testing shows the fillers to be more evenly dispersed than filled PTFE with layered construction. The result is more consistent physical and mechanical properties without the voids, separation and chemical compatibility problems found in layered filled PTFE. It is suitable for use in steel flanges and will not exhibit the cold flow problems associated with virgin or generic skived PTFE, or the hardness problems of some other filled PTFE products.

Gasket Factors		
	1/16"	1/8"
m	1.5	4.2
Y, psi (MPa)	952 (6.5)	827 (5.7)
G <sub>b</sub> , psi (MPa)	153 (1.1)	96 (0.66)
a	0.360	0.437
G <sub>s</sub> , psi (MPa)	15 (0.1)	14 (0.1)

Durlon® 9200 is suitable for hydrofluoric acid service at moderate concentrations and temperatures or where a barium sulfate filled PTFE gasket material is specified. This product conforms to FDA requirements as well as receiving BAM oxygen service & TA-luft (VDI Guideline 2440) certifications.



Download iGasket® on your smartphone today!

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Durlon 9200 REV 2016-5

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