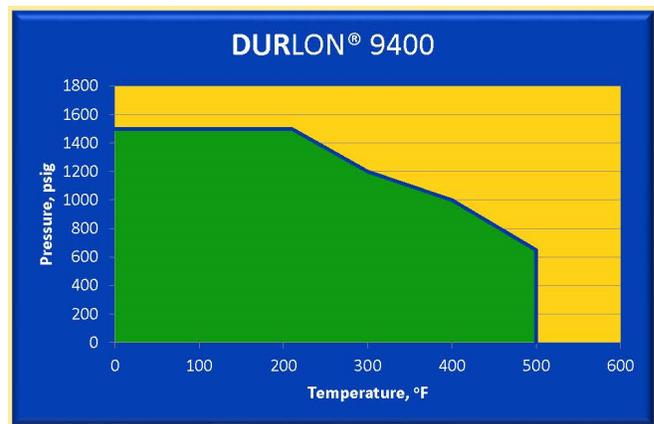


Colour	Black
Filler System	Carbon
Temperature	
Min	-212°C (-350°F)
Max	288°C (550°F)
Continuous, Max	260°C (500°F)
Pressure, max, bar (psi)	103 (1,500)
Density, g/cc (lbs/ft³)	2.1 (131)
Compressibility, % ASTM F36	5-12
Recovery, % ASTM F36	40
Creep Relaxation, % ASTM F38	30
Tensile Strength, across grain ASTM F152, MPa (psi)	14.5 (2,100)
Volume Resistivity, ohm-cm	61
Dielectric Breakdown ASTM D149, kV/mm (V/mil)	1 (33)
Nitrogen Sealability, cc/min ASTM 2378	0.01

Durlon® 9400 is a high performance filled PTFE gasket material designed for use in piping and equipment in chemical, pharmaceutical, food and beverage, and other general industrial applications where resistance to highly aggressive chemicals (including hydrofluoric acid) 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.

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® 9400 can also be used as the gasket of choice for anhydrous hydrogen fluoride (AHF) in railroad tank cars and in plants where barium sulfate filled PTFE may not prove suitable requirements.

Gasket Factors		
	1/16"	1/8"
m	6.8	6.8
Y, psi (MPa)	2,765 (19.1)	3,105 (21.4)
G _{br} , psi (MPa)	1,701 (11.7)	1,412 (9.7)
a	0.173	0.164
G _s , psi (MPa)	99 (0.7)	248 (1.7)

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