

DURLON® Virgin PTFE

SEALING SOLUTIONS

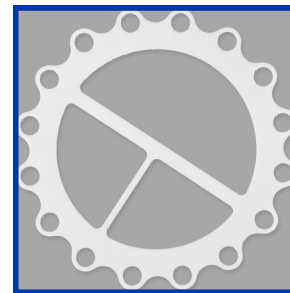
100% Pure Virgin PTFE Gasket Material

Material	Skived	Reprocessed
Colour	White	White
Temperature Min	-212°C (-350°F)	-212°C (-350°F)
Max	260°C (500°F)	260°C (500°F)
Pressure, max, bar (psi)	86 (1,250)	86 (1,250)
Density, g/cc (lbs/ft³)	2.1 (135)	2.1 (135)
Compressibility, % ASTM F36	12-20	18-25
Recovery, % ASTM F36	35-40	30-35
Creep Relaxation, % ASTM F38	40	50
Tensile Strength, across grain ASTM F152, psi (MPa)	2,800 (19.3)	1,500 (10.3)
Nitrogen Sealability, cc/min ASTM 2378	0.01	0.015

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® Virgin PTFE gasket material is a high performance PTFE product designed for use in piping and equipment in chemical and other general industrial applications where resistance to highly aggressive chemicals (including hydrofluoric acid) is required.

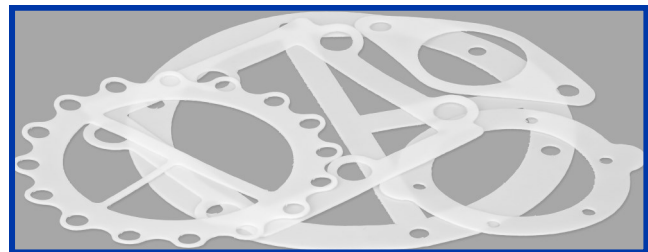
Durlon® Virgin PTFE is suitable for service to a maximum temperature of 260°C (500°F) or with pressures up to 1,250 psi (8.6 MPa). Durlon® Virgin PTFE conforms to FDA (Skived Only) requirements.



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.

Composition:

Durlon® Virgin PTFE is made with only pure PTFE resins. It has excellent sealability characteristics, cuts easily and separates cleanly from flanges after use. Durlon® Virgin PTFE demonstrates high dielectric strength.



® A registered trademark of Triangle Fluid Controls Ltd.

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