DURLON®
SEALING SOLUTIONS

Virgin PTFE

100% Pure PTFE Gasket Material

Colour	White
Material	Skived
Temp.: Min Max	-212°C (-350°F) 260°C (500°F)
Pressure, max, bar (psi)	86 (1,250)
Density, g/cc (lbs/ft³)	2.1 (135)
Compressibility, %	12-20
Recovery, %	35-40
Creep Relaxation, %	40
Sealability, cc/min ASTM 2378 (Nitrogen)	0.01
Tensile Strength, MPa (psi)	2,800 (19.3)

Colour	White
Material	Reprocessed
Temp.: Min Max	-212°C (-350°F) 260°C (500°F)
Pressure, max, bar (psi)	86 (1,250)
Density, g/cc (lbs/ft³)	2.1 (135)
Compressibility, %	18-25
Recovery, %	30-35
Creep Relaxation, %	50
Sealability, cc/min ASTM 2378 (Nitrogen)	0.015
Tensile Strength, MPa (psi)	1,500 (10.3)

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. Virgin PTFE sheet material is available in two grades: Skived; has better physical properties, is a good electrical insulator, and FDA approved, and Reprocessed; recycled PTFE processed into skived or molded sheet.

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.

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.

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. **REV. 2018/09**