

Joint Sealant

100% Pure Expanded PTFE Gasket Material

Colour	White
Temp.: Min Max	-240°C (-400°F) 316°C (600°F)
Density, g/cc (lbs/ft ³)	0.85 (53)
Compressibility, %	72
Creep Relaxation, %	25
Sealability, cc/min ASTM 2378 (Nitrogen)	0.05

Recommended Usage	
2" - 4"	1/4" x 1/8" x 50'
5" - 8"	3/8" x 1/8" x 25'
10" - 16"	1/2" x 3/16" x 15'
18" - 24"	5/8" x 3/16" x 15'
26" - 48"	3/4" x 3/16" x 15'
48" and higher	1" x 3/16" x 15'

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



Durlon® Joint Sealant is a highly fibrillated expanded PTFE form-in-place sealant for gasketed joints and conforms to FDA requirements.

Supplied on spools, Durlon® Joint Sealant comes in various thicknesses with a high quality adhesive backing to ease in installation, making it ideal for worn flanges of all sizes and is not dependent on flange dimensions. It exhibits flexibility, compressibility and stability under high temperature and high tensile strength. Another feature of Durlon® Joint Sealant is its chemically inert properties which resists creep relaxation, resulting in the maintenance of a tight seal.

Durlon® Joint Sealant is made with only 100% pure PTFE resins and exhibits the same chemical resistance of virgin PTFE.