DURLON®
SEALING SOLUTIONS

CFG

Corrugated Flexible Graphite Gaskets

Physical Properties	
Temp.: Min Max Continuous, Max	-200°C (-328°F) 454°C (850°F) 650°C (1,200°F)
pH range, Room Temp.	0-14
Pressure: Max, bar (psi)	207 (3,000)

Gasket Factors	
G_b psi (MPa)	557 (3.84)
a	0.325
G_s psi (MPa)	2.21 (0.015)
m, Y psi (MPa)	2.6, 3770 (26.0)

ADVANTAGES:

- Fire tested/fire resistant - Passed modified API 607 fire test
- Recovery/Spring Back characteristics for excellent sealing and thermal cycling
- Blow Out Resistant - Metal core counteracts internal pressure spikes
- Superior Emissions Control - Nitrogen Sealability (ASTM F2378) <0.01 cc/min
- Easy to handle, easy to install
- Seals tightly with lower bolt loads vs. spiral wounds

Durlon® CFG is a corrugated flexible graphite gasket material designed for severe service conditions. The proprietary design of the corrugations gives Durlon® CFG superior sealing and recovery characteristics for tough conditions in the refining, chemical, petrochemical and pulp & paper industries. Durlon® CFG is suitable for service in steal, oil, mild alkalis, mild acids, hydrocarbons and solvents.

Durlon® CFG consists of flexible graphite laminated with an adhesive bond on both sides of a corrugated 316 stainless steel core. For consolidation of inventories and applications standardization, Durlon® CFG is available for all applications in 3/32" (2.4mm) thickness. (1/16" and 1/8" thickness is also available.)

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. 2019/04**