

# DURLON<sup>®</sup> CFG

## Corrugated Flexible Graphite



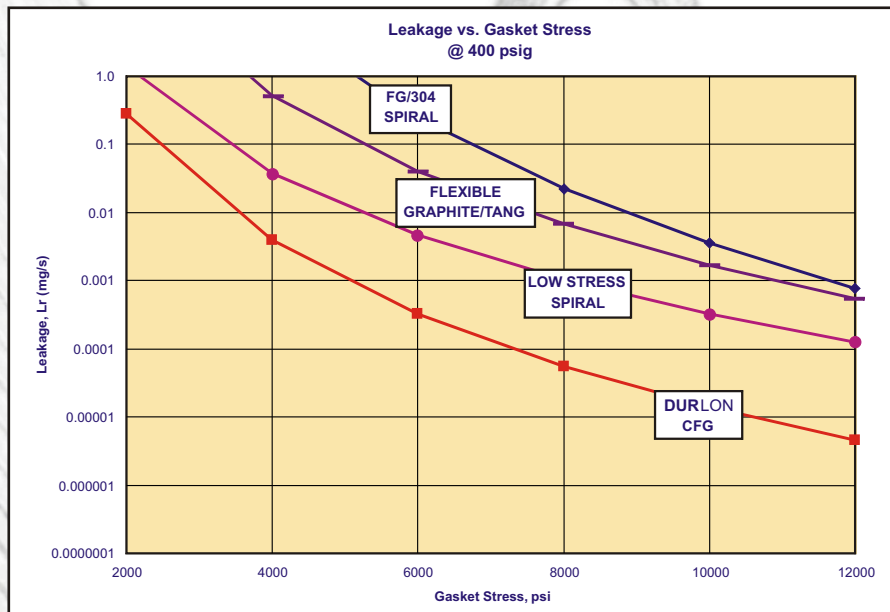
**Durlon<sup>®</sup> CFG** will maintain a tight seal in a wide range of initial seating stresses making it the universal replacement for spiral wound, double jacketed and traditional flexible graphite gaskets.

**Suitable for virtually all applications found in the following industries:**

Refining • Chemical • Petro Chemical • Pulp & Paper  
Power Generation • Steel Mill

### SIZES & TYPES:

- Standard ANSI Class 150 and 300 Ring and Full Face: ½" – 24"
- Non Standard MSS SP-44 & API 605: 26" – 96"
- Non Standard Ovals: Handhole and Manway Gaskets
- All Heat Exchanger Styles
- Different metals available to match flange metallurgy, temperature, or chemical.



Proprietary corrugation design provides superior sealing and recovery characteristics at lower required bolt loads than spiral wound gaskets. Problems commonly associated with over-stressing the flange assembly are eliminated.



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## ADVANTAGES



### FIRE SAFE

Passed the modified  
API 607 fire test

### Blow Out Resistant

- Metal core counteracts internal pressure spikes

### High Spring Back

- Excellent recovery in thermal cycling and severe vibration services
- Stable leakage control with minimal force

### Superior Emissions Control

- DIN 3535 gas permeability/leakage: <0.01 cc/min

### Seals Imperfect Flanges

- Flexible graphite fills in small voids

### No Inward Buckling

- Corrugations force the flexible graphite up to the seating surface
- No expensive inner rings required

### Seats On a Variety of Surface Finishes

- 60 to 750 rms

### Easy & Safe to Handle, Install and Remove

- Will not cut skin
- Large gaskets easily install, will not collapse, fold or unwind
- Upon replacement, cleaning flange serrations is unnecessary

### One Thickness for All Applications

- Reduce gasket inventory
- Standardize installation procedures

## SPECIFICATIONS:

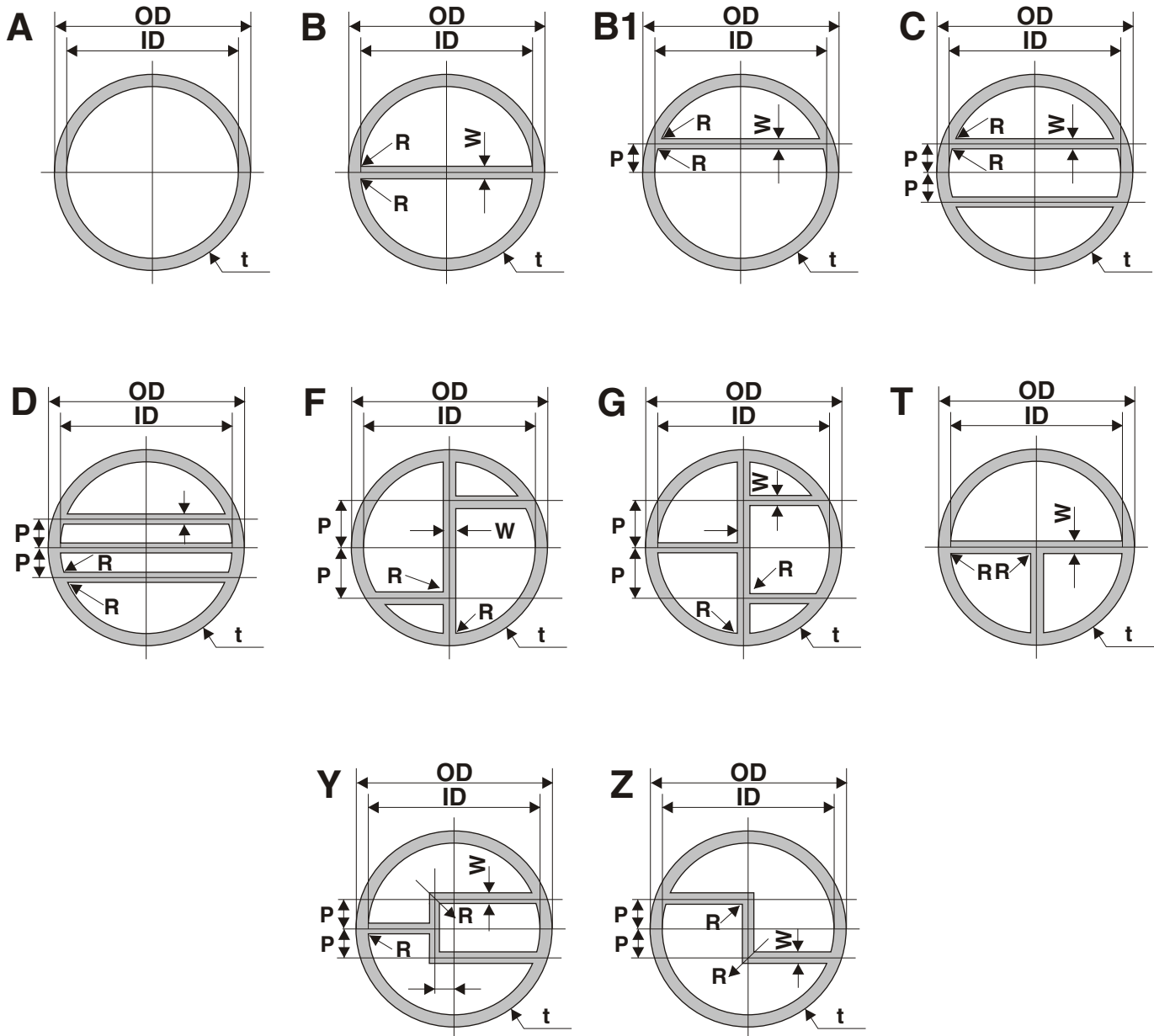
Temperature, Min	-328°F (-200°C)
Temperature, Max	
In Air	+850°F (450°C)
In Steam	+1200°F (650°C)
pH Range	0-14

### PVRC Gasket Factors

Gb	557psi (3.8 MPa)
a	.325
Gs	2.21psi (0.02 MPa)

# SHAPES

There are many styles of heat exchanger gaskets, most have complicated rib designs or partitions. While some of the most common designs are shown below, Gasket Resources can provide almost any configuration of heat exchanger type gasket utilizing our Durlon CFG technology.



When inquiring and ordering, please specify gasket shape by using the letter to the left of the style of the gasket required as shown above. Along with ID, OD, and thickness, we will require radius (R), flange width (W), and distance from the center of the rib to the center of the gasket (P).