

# DURLON® RCA®

## Reduced Contact Area Full Face Gasket PTFE & Compressed Non-Asbestos Gasket Material

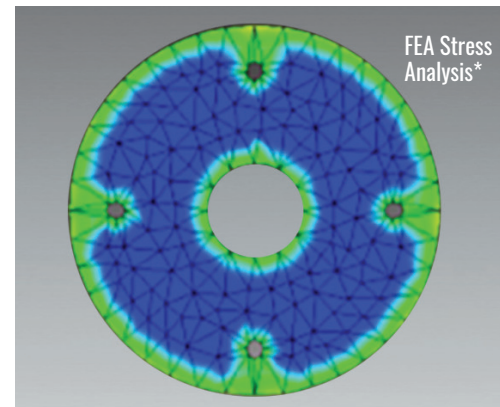
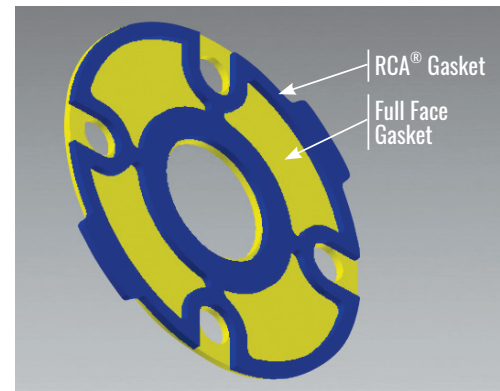
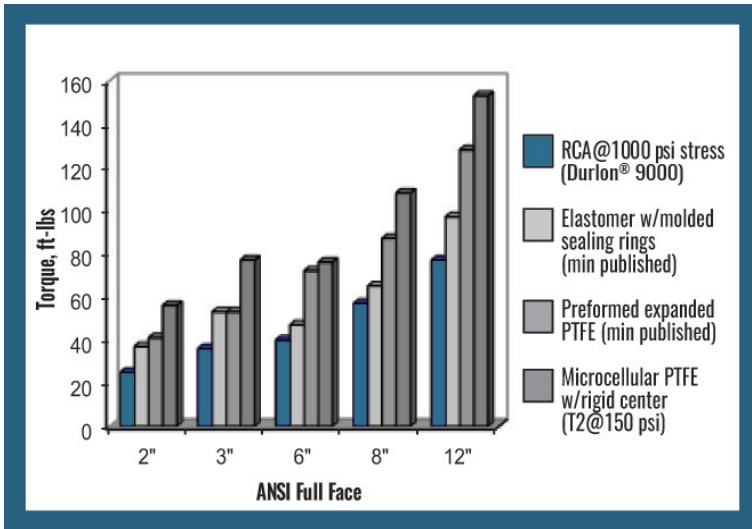
RCA® is a registered trademark of Gasket Resources Inc.

**AVAILABLE MATERIALS:** 1/16" & 1/8" Durlon® PTFE styles and Compressed Non-Asbestos styles

**AVAILABLE SIZES:** 1-24" Class 150 Full Face gaskets

- For FRP, PVC, Glass-Lined or steel flanges where a low stress gasket is required
- Reduced contact area, lower sealing stress, and significant cost savings
- Alignment guides included for easy positioning during installation
- Identification tabs extend beyond the flange OD for easy identification once bolted
- Custom sizes and designs are available

Durlon® RCA® sealing system combined with Durlon® PTFE styles can replace standard full gaskets in FRP, PVC and other non-metallic and metallic pipe flanges where a low stress gasket is required. The RCA® configuration can be cut from standard PTFE & CNA sheets resulting in a cost savings versus other low stress gaskets.



The above illustrates a 3" 150# Full Face gasket using FEA analysis to show the applicable stresses that are being applied to the gasket while bolted up in the flange.

The above illustrates a 3" 150# Full Face gasket using FEA analysis to show the applicable stresses that are being applied to the gasket while bolted up in the flange. The gradual shades of grey (from light to dark) show stress intensity. Blue indicates very little or no stress is being applied at all to those areas of the gasket.

### Certifications

Certification applies to gasket material used

**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 within are subject to change without notice. This edition cancels and obsoletes all previous editions.