

# Rubber Fab Technologies Group's **CONTROLLED COMPRESSION GASKETS**

Controlling the  
Compressive Load to  
Provide the Ultimate  
Surface I.D.



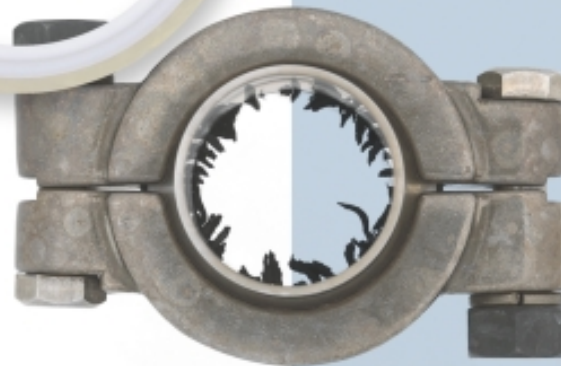
## Introducing the Controlled Compression Gasket

### A Superior Hygienic Seal

**The Controlled Compression Gasket cannot be over-tightened!**

The CCG is composed of the elastomer of your choice with a ring of ultem® vulcanized inside the seal from the ring O.D. to the locating ring. This **non-compressible** polymer controls clamp compression to **exactly** the correct amount, allowing the properly positioned seal to make a perfect surface I.D. with the ferrules. **No intrusion of the hygienic seal** in the product flow is possible.

The Controlled Compression Gasket literally transforms the tri-clamp connection into a **perfect I.D. connection**. Because the ultem ring acts as a **positive mechanical compression stop** when clamping, the clamp will not loosen due to seal creep, aging or  $\Delta T$  cycles. This is true for any **standard or high pressure clamp** regardless if the clamp is secured with a wing nut, standard nuts or Rubber Fab's Torque-Rite®



*Over-tightening causes hygienic seal intrusion into the piping I.D. which can result in tearing and sticking resulting in system contamination.*

*Rubber Fab's Controlled Compression Gaskets act as a positive mechanical stop making "over-tightening" virtually impossible.*

- Hygienic seal meets ASME-BPE intrusion requirement of  $\pm .020$ .
- Works with virtually any manufacturer's ferrules, fittings, clamps or combination thereof.
- No torque requirement. Tighten until it stops (we suggest wetting the gasket with isopropyl alcohol during installation to insure uniform compression, especially the 1" CCG).
- The CCG hygienic seal will allow for slight misalignment and ferrule face anomalies.
- Available in EPDM, FKM and silicone.
- Can be tabbed for traceability or non-tabbed with laser engraved batch and lot information.
- FDA compliant, 3A and Class VI tested.
- First major gasket design patent issued in the last 60 years.



