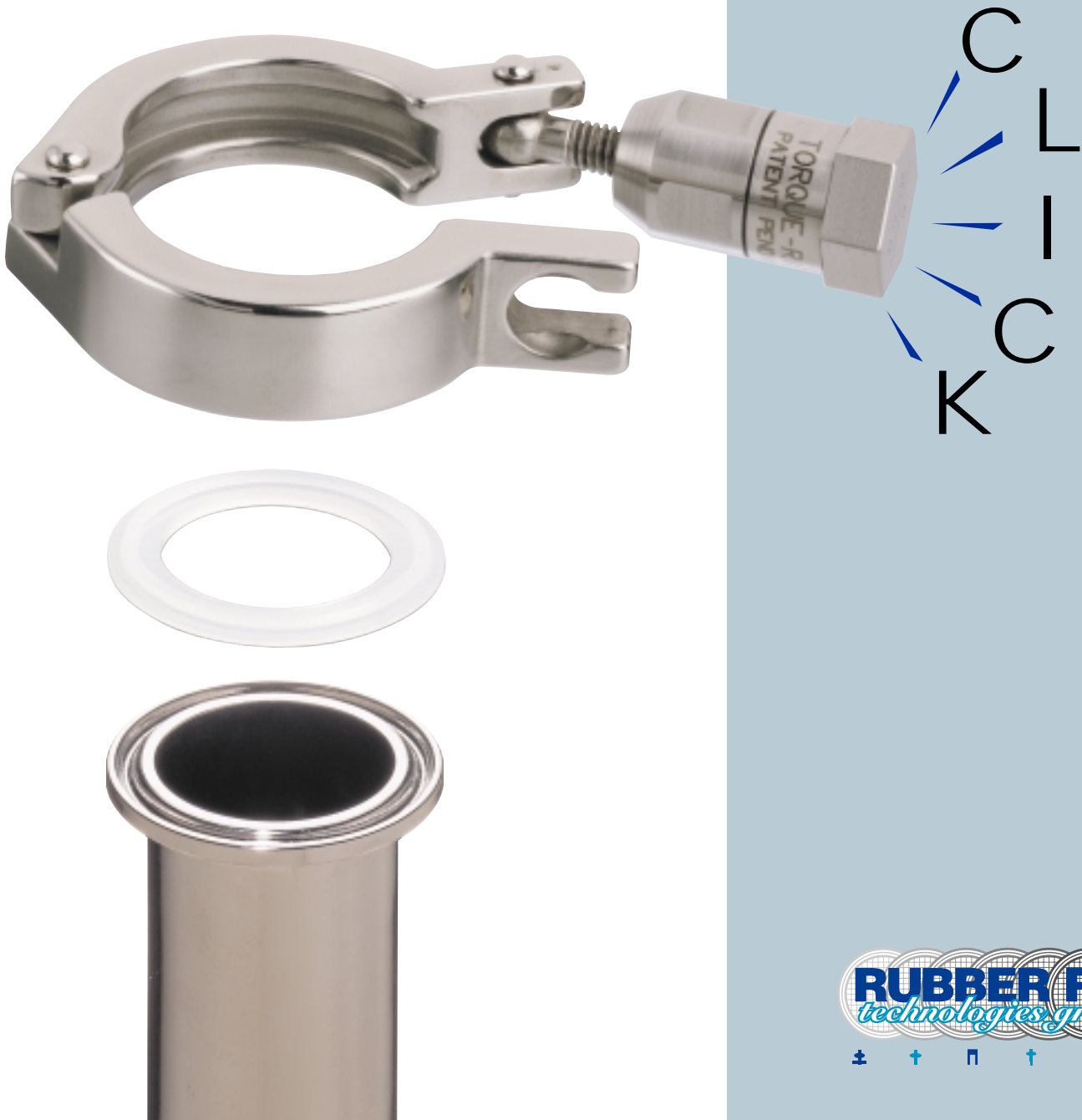


# The Perfect Surface Gasket System

Featuring  
Torque-Rite<sup>®</sup>  
and Perfect  
Surface Gasket.



# Torque-Rite

Presenting Rubber Fab's **Perfect Surface Gasket System**. The perfect union of Torque-Rite and the Perfect Surface Gasket.



**Torque-Rite** allows you to control compression and expansion while maintaining constant inch/pounds force insuring a Perfect Surface I.D. when used with a **Perfect Surface Gasket**. Torque-Rite eliminates the problems associated with over - or under-tightening a gasket which can lead to an unsanitary system.

## **Compression control is easy!**

When tightened, the Torque-Rite's self-limiting internal mechanism will make an audible "**click**" signaling the user they have reached proper inch/pounds force. If further tightening is attempted, there will be more "**clicks**" but no additional application of force on the gasket (if emergency conditions arise, the Torque-Rite has a built-in manual **override feature**).

## **Problems with over-tightening or under-tightening a gasket:**

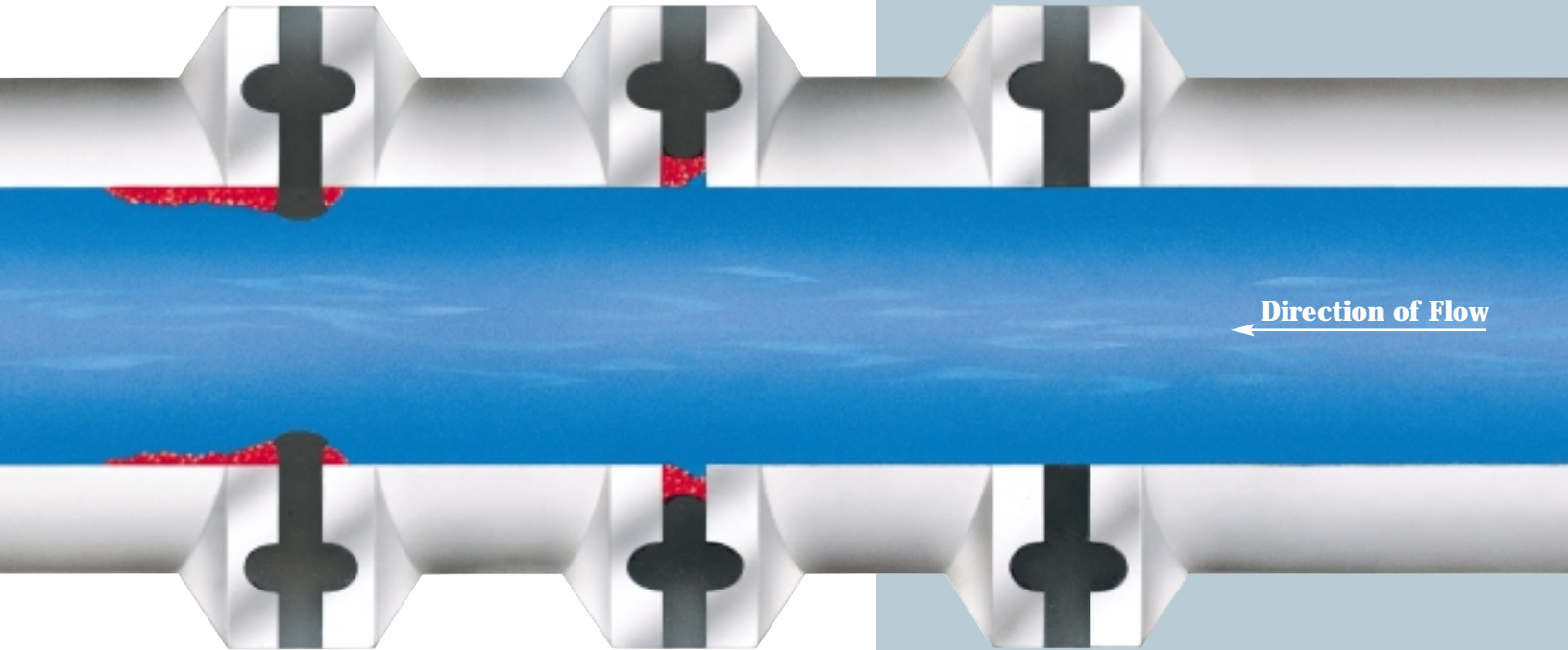
Over-tightening can tear or damage a gasket and can also cause a damming effect inside the pipeline. A torn or extruded gasket can hold soil and bacteria. Under-tightening leaves an undesirable concave area at the gasket allowing soil and bacteria to become entrapped. Both conditions should be avoided in a sanitary system.

## **Maintaining a "Perfect Surface" Sanitary System.**

By maintaining a constant force on a Perfect Surface Gasket with the Torque-Rite, gasket I.D. is maintained lowering bacteria count and enhancing product integrity. **A Perfect Surface sanitary system is assured.**

# The Perfect Surface Gasket System

$$\frac{\text{Torque-Rite}}{\text{Perfect Surface Gasket}} = \frac{\text{Compression Control}}{\text{Expansion Control}} = \text{Perfect Surface}$$



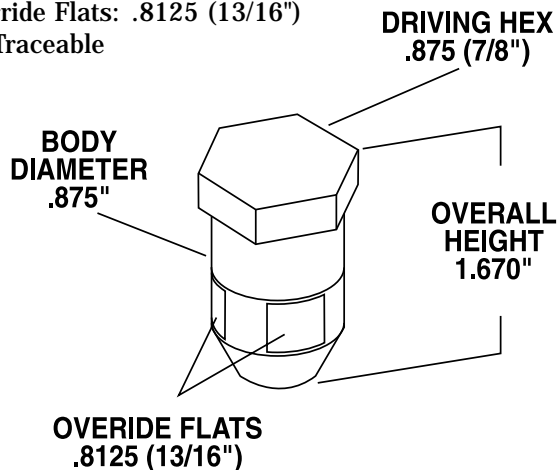
**DAMMING:**  
An over-tightened gasket extrudes into the pipe, prevents draining, and allows deposits to build up behind the gasket.

**UNDER-TIGHTENING:**  
May allow leakage. Can form concave surfaces at the product side of the gasket affecting free drainage and cleaning.

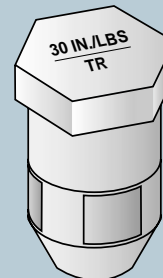
**PERFECT SURFACE GASKET SYSTEM:**  
Torque-Rite and Perfect Surface Gasket eliminates the concerns associated with over- and under-tightening a sanitary gasket. Insures that gasket I.D. matches pipe I.D.

## Torque-Rite Specifications.

Material: 440C Stainless Steel  
Hardness: 48 Rockwell  
Overall Height: 1.670"  
Driving Hex: .875 (7/8")  
Body Diameter: .875"  
Override Flats: .8125 (13/16")  
Lot Traceable

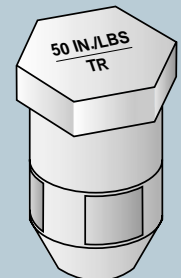


## Torque-Rite is available in two models.



**Model**  
TR-30

**Perfect Surface Gasket Material**  
Buna  
Silicone  
FKM  
Fluoroelastomer  
EPDM  
Criti-flex



**Model**  
TR-50

**Perfect Surface Gasket Material**  
PTFE  
Tuf-Steel  
PTFE Envelope

Through special order, Torque-Rite models are available in 20 - 80 inch/pounds force. Torque-Rite is also available in Electropolish.

## Perfect Surface Gasket Benefits:

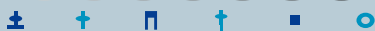
- Lower bacteria counts.
- Maintains/enhances product integrity.
- **Insures that gasket I.D. matches pipe I.D.**
- Passes **US Pharmacopeia Class VI Certification.**
- Passes **cytotoxicity criteria.**
- Complies with **Title 21 CFR 177.2600.**
- Complies with **Title 21 CFR 177.1550.**
- Complies with **USDA and 3-A sanitary standards.**
- **Conforms to CGMP** (Current Good Manufacturing Practices).

## Torque-Rite Features:

- An **audible “click”** indicating correct inch/pounds force.
- **Maintains constant 30 or 50 inch/pounds force.**
- **Manual override feature.**
- **Retrofits all sanitary clamps, mini through 6".**
- **Works in rupture disk applications.**
- **Works with all Smart Gasket® products** including spore trap, thermocoupler and sampler.
- **No torque wrench or special training required.**
- **User friendly.**

NOTE: All elastomeric gaskets require periodic replacement. Gasket life is influenced by the gasket material, product application, temperature, cleaning procedures, etc. After monitoring gasket condition in a process system, a schedule should be developed for periodic replacement of gaskets.

™ Smart Gasket is a registered trademark of Rubber Fab Technologies Group.



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## Perfect Surface Gaskets

### PLATINUM SILICONE SANITARY CLAMP GASKETS

1/2" . . . . .	PSG 42 RXPX 050
3/4" . . . . .	PSG 42 RXPX 075
1" . . . . .	PSG 40 RXPX 100
1-1/2" . . . . .	PSG 40 RXPX 150
2" . . . . .	PSG 40 RXPX 200

### PEROXIDE CURED SILICONE SANITARY CLAMP GASKETS

1/2" . . . . .	PSG 42 MPX 050
3/4" . . . . .	PSG 42 MPX 075
1" . . . . .	PSG 40 MPX 100
1-1/2" . . . . .	PSG 40 MPX 150
2" . . . . .	PSG 40 MPX 200

### EPDM SANITARY CLAMP GASKETS

1/2" . . . . .	PSG 42 MPE 050
3/4" . . . . .	PSG 42 MPE 075
1" . . . . .	PSG 40 MPE 100
1-1/2" . . . . .	PSG 40 MPE 150
2" . . . . .	PSG 40 MPE 200

### FKM FLUOROELASTOMER SANITARY CLAMP GASKETS

1/2" . . . . .	PSG 42 MPSFY 050
3/4" . . . . .	PSG 42 MPSFY 075
1" . . . . .	PSG 40 MPSFY 100
1-1/2" . . . . .	PSG 40 MPSFY 150
2" . . . . .	PSG 40 MPSFY 200

### BUNA-N SANITARY CLAMP GASKETS (BLACK - WHITE)

1/2" . . . . .	PSG 42 MPU 050
3/4" . . . . .	PSG 42 MPU 075
1" . . . . .	PSG 40 MPU 100
1-1/2" . . . . .	PSG 40 MPU 150
2" . . . . .	PSG 40 MPU 200

### PTFE ENVELOPE CLAMP GASKETS

1/2" . . . . .	PSG 42 MPGR 050
3/4" . . . . .	PSG 42 MPGR 075
1" . . . . .	PSG 40 MPGR 100
1-1/2" . . . . .	PSG 40 MPGR 150
2" . . . . .	PSG 40 MPGR 200

### TUF-STEEL CLAMP GASKETS

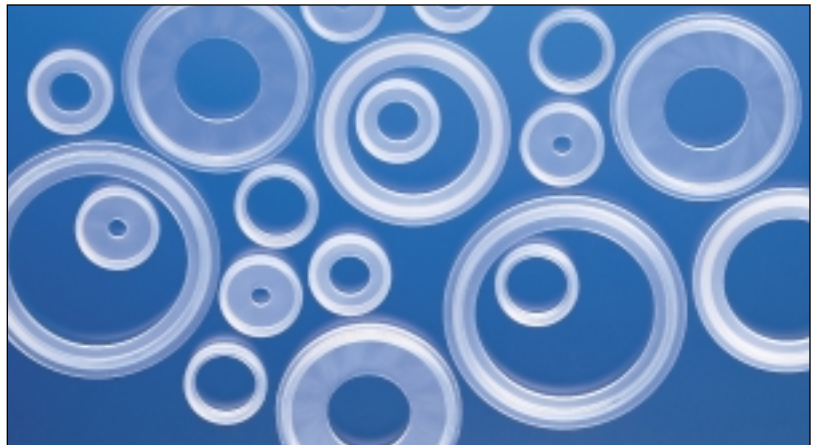
(PTFE blended with 316  
Passivated Stainless Steel)

1/2" . . . . .	PSG 42 MPGTS
3/4" . . . . .	PSG 42 MPGTS
1" . . . . .	PSG 40 MPGTS
1-1/2" . . . . .	PSG 40 MPGTS
2" . . . . .	PSG 40 MPGTS

### PTFE SOLID CLAMP GASKETS

1/2" . . . . .	PSG 42 MPG 050
3/4" . . . . .	PSG 42 MPG 075
1" . . . . .	PSG 40 MPG 100
1-1/4" . . . . .	PSG 40 MPG 125
1-1/4" . . . . .	PSG 40 MPG 125
1-1/2" . . . . .	PSG 40 MPG 150
2" . . . . .	PSG 40 MPG 200

Perfect Surface Gaskets over 2" and in Criti-flex are available by special order.



Rubber Fab Technologies Group is a member of:

