



Sanitary Gaskets

Dixon Sanitary gaskets are manufactured to the highest standards. They are available in sizes, materials, and configurations waiting to be delivered to you or your customers from thirteen distribution centers around the United States.

Elastomers available:

Nitrile (Buna N)
 Silicone (peroxide cured/platinum cured)
 EPDM
 Viton®
 Teflon®
 Screens and orifice gaskets
 (see pages 182 and 177 for mesh sizes)
 Teflon® orifice gaskets are solid Teflon®



Certified as required to:

US Pharmacopoeia Class VI-XXII
 Cytotoxicity Criteria
 Title 21CFR177.2600 & .1550
 USDA & 3A Sanitary Standards

Refer to pages 190-192 for compatibility information.

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

Elastomer Information

Basic Elastomer and Thermoplastic Characteristics

Property	Nitrile (Buna)	EPDM	Silicone	Viton®	PTFE
Tensile Strength	Good	Good-Excellent	Good	Good-Excellent	Excellent
Electrical Properties	Poor	Excellent	Excellent	Good	Excellent
Weather Resistance	Good	Excellent	Excellent	Excellent	Excellent
Heat Resistance	Good (225° F)	Excellent (200° F)	Excellent (450° F)	Excellent (400° F)	Excellent (375° F)
Cold Resistance	Good (-30° F)	Good-Excellent (-55° F)	Excellent (-65° F)	Good (-20° F)	Fair (-30° F)
Steam Resistance	Good	Good	Good	Excellent	Excellent
Tear Resistance	Good	Good	Good	Good	Excellent
Abrasion Resistance	Good	Good-Excellent	Good-Excellent	Good	Excellent
Acid Resistance	Poor - Good	Good-Excellent	Good	Good	Excellent
Petroleum Oil	Excellent	Poor	Good	Excellent	Excellent
Flame Resistance	Poor	Poor	Poor	Good	Excellent
Vegetable Oil	Excellent	Good (most)	Good (intermittent)	Excellent	Excellent

Buna-N is not recommended for use with CIP Sanitizing Agent OXONIA, use EPDM or Silicone.
 EPDM or Viton® is recommended for ozone treated water.