

# NEWMAN

## Sanitary Gasket Company

### PERFORMANCE PROPERTIES



#### Property

Property	Nitrile (Buna-N)	Ethylene-Propylene (EPDM)	Silicone	Fluoroelastomer (Viton®)	Teflon®	Silverback™	Kalrez®
Tensile Strength	Good	Good-Excellent	Good	Good-Excellent	Excellent	Excellent	Excellent
Electrical Properties	Poor	Excellent	Excellent	Good	Excellent	Excellent	Excellent
Weather Resistance	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ozone Resistance	Poor	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Heat Resistance	Good (225°F)	Excellent (275°F)	Excellent (450°F)	Excellent (400°F)	Excellent (450°F)	Excellent (450°F)	Excellent (500°F)
Cold Resistance	Good (-40°F)	Good-Excellent (-55°F)	Excellent (-80°F)	Good (-20°F)	Fair (-110°F)	Good (-20°F)	Excellent (-110°F)
Steam Resistance	Good	Good	Good	Excellent	Excellent	Excellent	Excellent
Tear Resistance	Good	Good	Good	Good	Excellent	Excellent	Good
Abrasion Resistance	Good	Good-Excellent	Good - Excellent	Good	Excellent	Excellent	Good
Acid Resistance	Poor - Good	Good-Excellent	Good	Good	Excellent	Excellent	Excellent
Petroleum Oil	Excellent	Poor	Good	Excellent	Excellent	Excellent	Excellent
Flame Resistance	Poor	Poor	Poor	Good	Excellent	Excellent	Excellent
Vegetable Oil	Excellent	Good (Most)	Good (Intermittent)	Excellent	Excellent	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.

All of the above compounds used in our production meet the criteria set forth by United States Public Health Service and United States Department of Agriculture.

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