



Premier Manufacturer of Sanitary Fittings,
Valves, Pumps, & More

Gasket Material Guide

All compounds meet FDA requirements and conform to USDA and 3-A sanitary standards, with many also tested and certified to USP Class VI (87 and 88) for critical, multi-use applications.

PROPERTY	BUNA-N	EPDM	PTFE	FKM/SFY	SILICONE
TENSILE STRENGTH	GOOD	GOOD - EXCELLENT	EXCELLENT	EXCELLENT	GOOD
ELECTRICAL PROPERTIES	POOR	EXCELLENT	EXCELLENT	GOOD	EXCELLENT
WEATHER RESISTANCE	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
OZONE RESISTANCE	POOR	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
HEAT RESISTANCE	200°F	300°F	500°F	400°F	450°F
COLD RESISTANCE	-30°F	-30°F	-100°F	-30°F	-40°F
STEAM RESISTANCE	POOR	EXCELLENT	EXCELLENT	EXCELLENT	GOOD
TEAR RESISTANCE	GOOD	GOOD	EXCELLENT	GOOD	GOOD
ABRASION RESISTANCE	GOOD	GOOD	EXCELLENT	GOOD	GOOD
ACID RESISTANCE	POOR - GOOD	GOOD - EXCELLENT	EXCELLENT	GOOD	GOOD
PETROLEUM OIL	EXCELLENT	POOR	EXCELLENT	EXCELLENT	POOR - GOOD
FLAME RESISTANCE	POOR	POOR	EXCELLENT	GOOD	POOR
VEGETABLE OIL	EXCELLENT	GOOD	EXCELLENT	EXCELLENT	POOR - GOOD
USP CLASS VI	NO	YES	YES	YES	YES
ANIMAL OILS & FATS	EXCELLENT	POOR	EXCELLENT	EXCELLENT	GOOD
ALCOHOL, GLYCOLS	EXCELLENT	EXCELLENT	EXCELLENT	GOOD	EXCELLENT
SOAPS, BLEACHES, DETERGENTS	POOR	EXCELLENT	EXCELLENT	GOOD	POOR

THE ABOVE CHART IS INTENDED AS A GUIDLINE, ACUTAL PERFORMANCE MAY VARY WITH EACH APPLICATION.

Simplifying Sanitary Through Superior Service™

7869 Route 98, Arcade, New York 14009
Tel: (585) 492-5800

an **fch** business

© Steel & O'Brien Mfg. Inc.
Form No.027 05/26