

Chemical Compatibility

Chemical	Buna	EPDM	PTFE	FKM
Acetone	Not Recommended	Highly Recommended	Highly Recommended	Not Recommended
Ammonia	Recommended	Highly Recommended	Highly Recommended	Not Recommended
Hydrochloric Acid	Not Recommended	Partially Recommended	Highly Recommended	Highly Recommended
Hydrofluoric Acid	Not Recommended	Partially Recommended	Highly Recommended	Partially Recommended
Hydrogen Peroxide	Recommended	Not Recommended	Highly Recommended	Recommended
Isopropyl Alcohol	Recommended	Highly Recommended	Highly Recommended	Highly Recommended
Nitric Acid	Not Recommended	Recommended	Highly Recommended	Highly Recommended
Phosphoric Acid	Recommended	Highly Recommended	Highly Recommended	Highly Recommended
Sodium Hydroxide	Recommended	Highly Recommended	Highly Recommended	Recommended
Sodium Hypochlorite	Recommended	Recommended	Highly Recommended	Highly Recommended
Sulfuric Acid	Partially Recommended	Recommended	Highly Recommended	Highly Recommended
Steam to 400°F (204°C)	Not Recommended	Partially Recommended	Partially Recommended	Not Recommended

Gasket Materials



Gasket	Temperature Range	Recommended Usage	Not Recommended	Industry	Certification Approval
Buna (Nitrile)	Standard: -65°F to 250°F (-54°C to 121°C)	Water, Oils, Fuels	Ketones, Strong Acids, Sunlight, Ozone, Weathering	Food & Beverage	FDA Approved
EPDM (Ethylene Propylene)	Standard: -90°F to 290°F (-68°C to 143°C)	UV/Outdoor, Hot Water, Steam, Select Acids/Bases, Alcohols	Oils, Fuels	Bio-Pharmaceutical, Food & Beverage, Drinking Water	USP Class VI Tested, FDA Approved
PTFE (Teflon®)	Standard: -350°F to 200°F (-212°C to 93°C)	UV/Outdoor, Chemical, Heat, Pressure Applications, Oil/Grease, EV	Stretching, Elasticity	Chemical Processing	USP Class VI Tested, FDA Approved
FKM (Viton®)	Standard: -15°F to 437°F (-26°C to 222°C)	Vacuum, Most Acids / Chemicals, Oils, Fuels	Ketones, Ammonia, Hot Water / Steam	Chemical Processing	USP Class VI Tested, FDA Approved