

Material	Applications	Properties
Buna or NBR (Nitrile)	Silicone Greases / Oils Water Petroleum Oils / Fuel Ethylene Glycol Fluids	Good Wear Resistance Good Compression Set Resistance Good Short-Term Resilience Good Permeation Resistance Temp. Range: -35°F to 250°F Shelf Life: 15 Years
Viton (Fluoroelastomer)	Vacuum Most Acids / Chemicals Halogenated Hydrocarbons Di-Ester Lubricants Petroleum Oils / Fuel Silicone Oil / Greases	Good Wear Resistance Excellent Compression Set Resistance Moderate Short-Term Resilience Excellent Permeation Resistance Temp. Range: -15°F to 450°F Shelf Life: Unlimited
EPDM (Ethylene Propylene)	Sunlight, Ozone, weathering Hot Water and Steam Auto / Aircraft Brake Fluids Some Acids and Bases Ketones and Alcohols	Good Wear Resistance Good Compression Set Resistance Moderate Short-Term Resilience Good Permeation Resistance Temp. Range: -60°F to 250°F Shelf Life: Unlimited
PTFE or Teflon (Polytetrafluoroethylene)	Most Acids / Chemicals Petroleum Oils / Fuel	Good Wear Resistance Low Coefficient of Friction Good Permeation Resistance Temp. Range: -50°F to 450°F Shelf Life: Unlimited

Storage Recommendation:

- Store without stretch or tension
- Store free from compression or deformation
- Dry contamination free environment less than 77°F and 75% humidity
- Protect from direct sun and artificial light, UV and other radiation
- Protect from ozone (generated from some electrical devices)