

Straight Thread Cylinder O-Rings

Evergreen Midwest carries an assortment of replacement o-rings for straight thread cylinder valves. Uses include sealing medical post valves and brass valves to aluminum cylinders in oxygen service, as well as medical post valves and brass valves in all services except oxygen/oxygen mixtures.

Available in four material types:

Nitrile / NBR (Buna-N) is the most widely used elastomer due to its excellent resistance to petroleum products, operating temperature range (-40° to 257°F) and one of the best performance-to-cost values. It's an ideal material for aerospace, automotive, propane, and natural gas applications. Special Hydrogenated Nitrile (HNBR) compounds can improve resistance to direct ozone, sunlight, and weather exposure while increasing temperature range to 300°F.

Teflon is inert to virtually all industrial chemicals, even at elevated temperatures. Seals fabricated from this material feature outstanding weather resistance, high resistance to ozone, and high resistance to the degrading effects of exposure to such solvents as acetone, MEK, and xylene. Possessing average elastomer characteristics of 2500 to 3500 psi tensile strength, and 300% elongation, they are tough, impact resistant, low friction, non-twisting performers over an extremely wide temperature range.

Ethylene-Propylene / EPDM has outstanding resistance of heat, water and steam, alkali, mild acidic and oxygenated solvents, ozone and sunlight (-40F to 275F). However, it is not recommended for gasoline, petroleum oil and grease, or hydrocarbon environments.

Viton / FKM, or Fluorocarbon, exhibits exceptional resistance to chemicals, oils, temperature extremes (-13F to 446F), low compression set, low gas permeability, and excellent aging characteristics. Applications include: aircraft engines, automotive fuel handling systems, and chemical processing industries. FKM is also suitable for high vacuum applications. It is not recommended for exposure to ketones, alkalis, or Skydrol® fluids.

Part Number	Qty	Material	Description
G210A-25	Pack of 25	Nitrile	Fits 3/4" or .750 16UNF2A (Not oxygen compatible)
G210A-100	Pack of 100	Nitrile	Fits 3/4" or .750 16UNF2A (Not oxygen compatible)
G210A09-25	Pack of 25	Teflon	Fits 3/4" or .750 16UNF2A (Oxygen compatible)
G210A09-100	Pack of 100	Teflon	Fits 3/4" or .750 16UNF2A (Oxygen compatible)
G210T-25	Pack of 25	Teflon	Fits 3/4" or .750 16UNF2A (Oxygen compatible, Sherwood OEM)
G210T-100	Pack of 100	Teflon	Fits 3/4" or .750 16UNF2A (Oxygen compatible, Sherwood OEM)
G210EP9-25	Pack of 25	EPDM	Fits 3/4" or .750 16UNF2A (Oxygen compatible, Sherwood OEM)
G210EP9-100	Pack of 100	EPDM	Fits 3/4" or .750 16UNF2A (Oxygen compatible, Sherwood OEM)
G216A-25	Pack of 25	Nitrile	Fits 1 1/8" or 1.125 12UNF2A (Not oxygen compatible)
G216A-100	Pack of 100	Nitrile	Fits 1 1/8" or 1.125 12UNF2A (Not oxygen compatible)
G216AD-25	Pack of 25	Teflon	Fits 1 1/8" or 1.125 12UNF2A (Oxygen compatible)
G216AD-100	Pack of 100	Teflon	Fits 1 1/8" or 1.125 12UNF2A (Oxygen compatible)
G908H-25	Pack of 25	Viton	Sherwood KVA Series Flange Valve Seal
G908H-100	Pack of 100	Viton	Sherwood KVA Series Flange Valve Seal