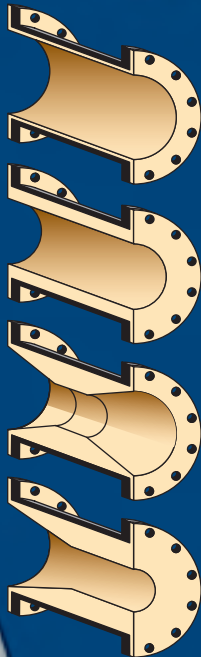




### SLEEVE TYPES:



**STANDARD SLEEVE:** Features a 100% full port through entire length with a wide variety of high-quality elastomers and reinforcements.

**DOUBLE WALL SLEEVE:** Designed for extremely abrasive service. It has three times the tube thickness of our standard sleeve and is also a rugged and effective way to reduce the port diameter.

**HOURLASS SLEEVE:** Designed for flow control applications. The reduced port is centered in the sleeve and is sized to match the calculated flow conditions.

**FUNNEL SLEEVE:** Also designed for flow control applications. The reduced port in this sleeve extends from the center of the sleeve through the discharge end and helps to reduce cavitation within the valve body.

### Materials of Construction:

**PURE GUM RUBBER:** Excellent resilience and rebound elasticity with high tensile strength. Excellent resistance to tear and abrasion. Effective operating range from -40°F to 180°F.

**NEOPRENE:** Resists alkalis, inorganic acids, and salt solutions. Flame-retardant, as well as abrasion and weather resistant. Good resistance to animal and vegetable oils; moderate resistance to petroleum oils. Effective operating range from -20°F to 225°F.

**CHLOROBUTYL:** Lowest permeability, very good resistance to water, heat, fats, ozone, alkalis, sunlight, abrasion, and oxygenated solvents. Effective operating range from -30°F to 300°F with brief excursions to 350°F.

**HYPALON®:** Offers superior weather resistance, flame retardant, good abrasion resistance, and excellent resistance to acids, alkalis, and oxidation. Effective operating range from -10°F to 250°F.

**BUNA-N (NITRILE):** Good resistance to mineral and vegetable oils, greases, hydrocarbon solvents, dilute acids, and alkalis. Effective operating range from -10°F to 210°F.

## Industry-Leading State-of-the-Art Construction Materials.

### Applications:

#### MINING

- Tailings & Slurries
- Cyclone Separation
- Lime Control
- Leaching Processes
- Solid Separation
- Slurry Control to Flotation Cells
- Thickener Underflow
- Dust Collection Systems

#### FOOD & PHARMACEUTICAL

- Weighing Systems
- Filling Systems
- Processing Systems
- Potable Water
- Sugar Processing

#### POWER

- FGD (Flue Gas Desulfurization) Scrubber Systems
- Fly & Bottom Ash Handling
- Lime & Limestone Transportation
- Ash Slurry pH Control
- Coal Handling
- Geothermal Brine

#### CHEMICAL

- Painting Systems
- Lime Addition or pH Control
- Industrial Chemical Treatment
- White Pigment (TiO2)
- Dirty & Viscous Chemicals
- Powders, Synthetic Fiber Pneumatic Systems

#### CONVEYING

- Cement
- Sand
- Food
- Fertilizers
- Powders

**EPDM:** Outstanding water, vapor, and weather resistance. Good resistance to heat, ozone, alkalis, sunlight, and oxygenated solvents. Ideal for outdoor service. Do not use with petroleum oil service. Good general purpose elastomer for an effective operating range from -30°F to 350°F.

**FDA FOOD-GRADE SERVICE:** Several white and black elastomers meet FDA requirements and can be used in direct contact with food, beverage, and pharmaceutical products.

**VITON®:** Excellent resistance to aggressive chemicals, solvents, and halogenated hydrocarbons. Viton® TBR-S provides excellent resistance to steam, aqueous acids, amines and concentrated caustics/bases/alkalies. Viton® ETP-S offers the most universal chemical resistance and has excellent flexibility at low temperatures. Effective operating range from -10°F to 400°F.



**REINFORCEMENTS:** Polyester, Nylon, Kevlar®, fiberglass, and steel. Temperature rating is dependent on both elastomer and reinforcements.



Style 9500XL ranges from 10" to 72" in diameter. Call the factory for more details.



Style 2150/7250 is the valve of choice for abrasive and corrosive service in mining applications.



Style 2300PA has a 100% full port with pneumatic actuation.



Style 7100 is a slip-on type valve adaptable to a variety of process applications.