

## Neoprene

Neoprene gasket material comes in four primary forms; closed cell (wet suit material), open cell, diaphragm, and homogeneous. Each of these three types have styles, colors and density variations that make them unique gasket materials.

### Neoprene Gasket Material - Homogeneous

**Style 0725** - 60 Duro Neoprene blend provides moderate resistance to oil and ozone. For use in bumpers, pads, and sealing in general gasket and flange applications.

Minimum tensile strength - 800 PSI. Durometer 60±5. Temperature range: -20°F to +170° F. Black color.

**Style 0725S** - 40 Duro Neoprene blend provides moderate resistance to oil and ozone. For use in bumpers, pads, and sealing in general gasket and flange applications.

**Style 0725H** - 70 Duro Neoprene blend provides moderate resistance to oil and ozone. For use in bumpers, pads, and sealing in general gasket and flange applications.

**Style 0734** - 70 Duro Cloth Finish - Good resistance to Sunlight, and outdoor weathering. Performs well in contact with many oils and chemicals. Cloth Finish. Durometer 70 +/-5. Tensile strength 1000 PSI. Elongation 200%. Temperature Range -30° F to +200° F

### Neoprene Gasket Material - Sponge

#### **STYLE R-451 / R431** Black Closed Cell Sponge

Black neoprene closed cell (expanded) sponge gasket sheet. Tiny individual sealed cells contain inert nitrogen gas to resist moisture, dirt and air even at cut edges. It is this unique structure that makes the closed cell sheet an insulator, sound and vibration damper and shock absorber. Compression deflection 5-13 PSI. Density 15-30 lbs/cubic foot. Water absorption 5% maximum. Temperature range -30°F to +150°F (continuous) (to 200°F intermittent). Tensile strength 150 PSI. Elongation 350%.

### Neoprene Gasket Material - Diaphragm

#### **STYLE 0741** Neoprene Duck Inserted Diaphragm Gasket Material

Oil-resistant neoprene diaphragm material designed transmit pulsations between gases, air, and fluids. Reinforced with cotton duck to provide structural Strength. Durometer 70±5. Tensile strength 1500 PSI. Elongation 300%. Temperature range -40°F to 220°F Smooth finish.

