Neoprene Rubber

Physical Properties:

Density: Typically ranges from 1.23 to 1.33 g/cm^3.

Hardness (Durometer): Typically ranges 40 to 90 Shore A.

Tensile Strength: Generally high.

Elongation: Typically, around 300% to 800%.

Pressure Rating:

Moderate to High Pressure: Suitable for moderate to high-pressure applications.

Temperature Range:

Operating Temperature: Typically, between -40°C to 121°C (-40°F to 250°F).

Short-Term Exposure: May handle brief temperature spikes.

Applications:

Automotive: Gaskets, seals, hoses.

Industrial: Flange gaskets, pipe gaskets.

Marine: Seals for boats, dock bumpers.

HVAC: Ductwork seals.

Compatibility:

Compatible with: Many oils, water, air, and moderate chemicals.

Not Compatible with: Strong acids, ketones.

Shelf Life and Storage:

Shelf Life: Generally, 5 to 10 years.

Storage Conditions: Cool, dry place away from direct sunlight.

- As with any material, the specific formulation and grade of neoprene rubber may affect these general specifications. Always refer to the manufacturer's data sheets for precise information on a particular neoprene rubber product.