Viton Fluoro Elastomer

Physical Properties:

Density: Typically, around 1.9 to 2.0 g/cm^3.

Hardness (Durometer): Typically ranges from 60 to 90 Shore A.

Tensile Strength: Generally high.

Elongation: Typically, around 150% to 300%.

Pressure Rating:

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

Temperature Range:

Operating Temperature: Typically, between -20°C to 200°C (-4°F to 392°F).

Short-Term Exposure: Can handle higher temperatures for short durations.

Applications:

Oil and Gas: Seals for high-temperature applications.

Chemical Processing: Gaskets for corrosive environments.

Aerospace: Seals in aircraft engines.

Automotive: Gaskets in engines and fuel systems.

Compatibility:

Compatible with: Oils, fuels, acids, bases, and many chemicals.

Not Compatible with: Ketones, low molecular weight esters.

Shelf Life and Storage:

Shelf Life: Generally, 5 to 10 years.

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

- As always, specific formulations and grades may vary between manufacturers, so it's crucial to refer to the manufacturer's data sheets for precise information on a particular compressed Viton gasket product.