

Viton O-Ring Data Sheet

Viton O-Rings are high-performance synthetic rubber seals made from fluoroelastomers. They are ideal for applications that require resistance to high temperatures, chemicals, and oils. Below are the general specifications and properties of Viton O-Rings.

General Properties:

- Excellent resistance to high temperatures (up to 200°C or 400°F)
- Outstanding chemical resistance
- Effective sealing performance in harsh environments
- Excellent resistance to oils, fuels, and solvents
- Low compression set

Application Areas:

- Automotive industry
- Aerospace applications
- Chemical processing
- Fuel and oil systems
- High-performance industrial sealing

Mechanical Properties:

- Tensile Strength: Approximately 8 to 15 MPa
- Hardness: Typically 75 Shore A
- Compression Set Resistance: Excellent
- Temperature Range: -20°C to 200°C