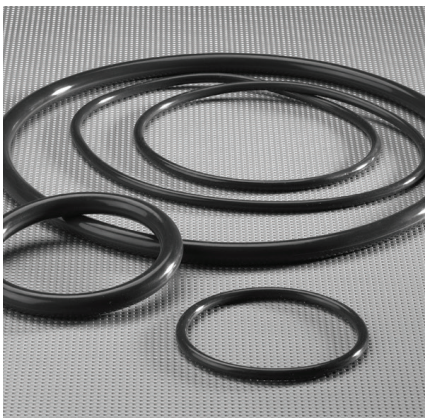


Chemraz® 615

Outstanding High-Temperature Capabilities



Applications

- Mechanical seals
- Process control instruments
- Heat exchangers
- Valves
- Agitators and mixers
- Pumps
- Couplings

Features and Benefits

- Low compression set at continuous temperatures up to 615°F (324°C)
- Able to handle severe thermal cycles, meaning longer life and lower downtime costs
- Does not stick at high temperatures
- Superior service life in a variety of media, including heat transfer oils
- Excellent chemical resistance

Greene Tweed's Chemraz® 615 exhibits outstanding high-temperature properties, with a temperature range from 0°F to 615°F (-18°C to 324°C). Chemraz® 615's chemical resistance and low compression set characteristics combine to outperform tin-cured FFKMs.

Chemraz® 615 shows lower compression set at high temperatures and a higher retained sealing force than other available FFKMs.

Because Chemraz® 615 allows for the use of higher process operating temperatures, it is ideal for a range of markets, from chemical process to petroleum refining. This superior FFKM performs well in a variety of fluids, such as inorganic and organic chemicals, acids, reagents, heat transfer fluids, and hydrocarbons.

Chemraz® 615 is available in standard o-rings and custom shapes for a range of equipment, from pumps and valves to agitators and mixers, from mechanical seals and process control instruments to heat exchangers and diagnostic equipment.

Typical Properties	
Physical Properties (ASTM Standard)	Typical
Color	Black
Specific Gravity (D297)	2.02
Hardness, Shore A, Points (D2240)	80
Mechanical (ASTM Standard)	
Elongation @ Break, % (D1414)	170
Modulus @ 50% Elongation, psi (MPa) (D1414)	400 (2.8)
Modulus @ 100% Elongation, psi (MPa) (D1414)	1,000 (6.9)
Tensile Strength @ Break, psi (MPa) (D1414)	1,700 (11.7)
Thermal	
Service Temperature Range, °F (°C)	0°F to 615°F (-18°C to 324°C)

Contact Us

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Statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product and shall not constitute a guarantee of performance nor modify or alter our standard warranty applicable to such products.

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