



CHEMRAZ® 615

SEALING SOLUTIONS

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 out perform tin-cured perfluoroelastomers.

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

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 perfluoroelastomer 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 Method	Typical Value
Color		Black
Specific Gravity	D297	2.02
Hardness, Shore A, Points	D2240	80
Elongation @ Break, %	D1414	170
Modulus @ 50% Elongation, psi (MPa)	D1414	400 (2.8)
Modulus @ 100% Elongation, psi (MPa)	D1414	1000 (6.9)
Tensile Strength @ Break, psi (MPa)	D1414	1700 (11.7)
Service Temperature Range, °F (°C)		0°F to 615°F (-18°C to 324°C)

FEATURES & BENEFITS

- Low compression set at continuous temperatures up to 615°F (324°C)
- Ability 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

APPLICATIONS

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

Contact Us

Greene, Tweed
Fluid Handling
Houston, TX, USA

Tel: +1.281.821.2094
Tel: +1.800.820.9005
Fax: +1.281.821.2696

www.gtweed.com