

CHEMRAZ® 600

SEALING SOLUTIONS

Chemraz® 600, a perfluoroelastomer, works well in both high and low temperatures. It is capable of withstanding temperatures ranging from -4°F to 500°F (-20°C to 260°C). Additionally, Chemraz 600 provides unparalleled performance in hot water and steam. Because of its high durometer rating (Shore A 90), components made from Chemraz 600 offer greater resistance in high pressure and aggressive environments.

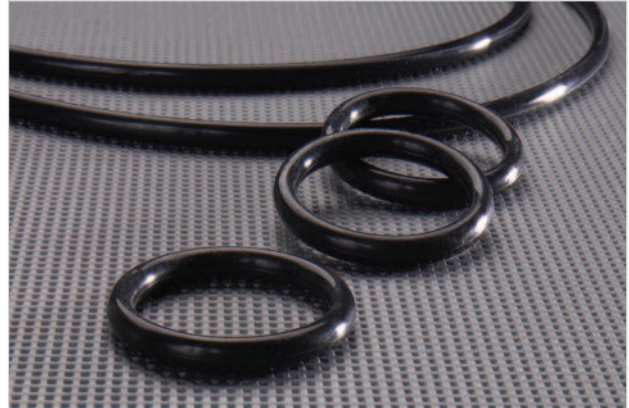
Chemraz 600 has an extremely broad chemical resistance range and is made from a high-density base polymer. Chemraz 600 offers a low compression set and is perfect for sealing at high pressures. Components made from Chemraz 600 are available for use as O-rings, gaskets and many other custom shapes.

FEATURES & BENEFITS

- High durometer and high density material helps withstand high pressure and harsh environments
- Broad chemical resistance range
- High-temperature capability

APPLICATIONS

- Mechanical seals
- Pump housings
- Reactors
- Mixers
- Compressors
- Valves



TYPICAL PROPERTIES*		
Physical Properties	ASTM Method	Typical Value
Color	D	Black
Specific Gravity	D297	1.97
Hardness, Shore A, Points	D2240	90
Mechanical		
Elongation @ Break, %	D1414	110
Modulus @ 50% Elongation, psi (MPa)	D1414	1,410 (9.7)
Modulus @ 100% Elongation, psi (MPa)	D1414	3,010 (21)
Tensile Strength @ Break, psi (MPa)	D1414	3,250 (22.4)
Thermal		
Service Temperature Range, °F (°C)		-4°F to 500°F (-20°C to 260°C)

* Note: Unless otherwise indicated, all tests are performed on (-214) O-rings.



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