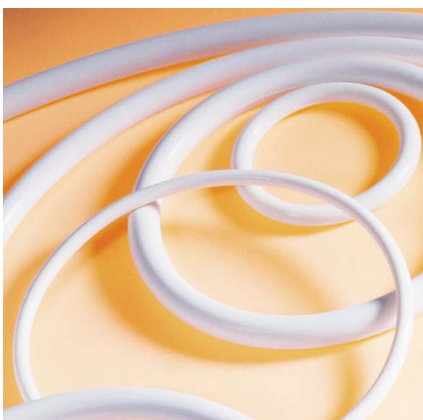


# Chemraz® 517

## White Compound with Wide-Temperature



### Features and Benefits

- No carbon black residue
- Low-temperature capabilities (-22°F/-30°C)

### Applications

- Mechanical seals
- Sampling/metering equipment
- Pump housings

### Sealing Solutions

Greene Tweed's Chemraz® 517, a perfluoroelastomer, is a white specialty compound, perfect for applications where contamination from carbon black must be prevented.

Chemraz® 517 has a Shore A hardness value of 80. Because of its wide temperature range, -22°F to 428°F (-30°C to 220°C), Chemraz® 517 is well suited for use in a range of applications, from mechanical seals to mixers.

Available for use as o-rings, gaskets, and many other custom shapes.

Typical Properties	
Physical Properties (ASTM Standard)	Typical
Color	White
Specific Gravity (D297)	2.22
Hardness, Shore A, Points (D2240)	80
Mechanical (ASTM Standard)	
Compression Set, 70 Hours @ 400°F (204°C) @ 25% Deflection, % (D395)	25
Elongation @ Break, % (D1414)	165
Modulus @ 50% Elongation, psi (MPa) (D1414)	540 (3.7)
Modulus @ 100% Elongation, psi (MPa) (D1414)	1,050 (7.3)
Tensile Strength @ Break, psi (MPa) (D1414)	1,600 (11)
Thermal	
Service Temperature Range, °F (°C)	-22°F to 428°F (-30°C to 220°C)

\* Unless otherwise indicated, all tests are performed on -214 o-rings.

### Contact Us

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