



ChemLast™ O-Rings

- Outstanding sealing force retention
- Excellent compression set resistance
- Superior thermal stability
- Compatibility with a wide range of aggressive chemicals



The Next Generation O-Ring

ChemLast is the next generation of ultra-high performance perfluorinated elastomer material. Perfluorinated elastomers provide performance well beyond all other available elastomer families. ChemLast has outstanding

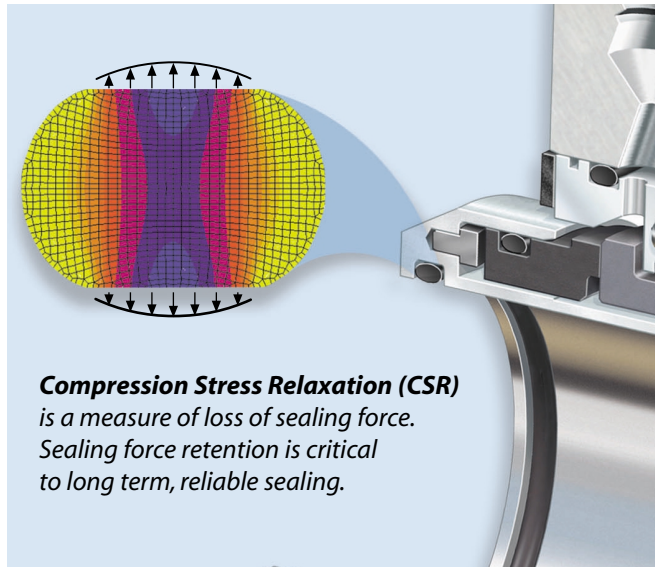
resiliency compared to other perfluorinated elastomers and is an excellent choice in the most aggressive sealing applications. ChemLast is a proven performer and is the best choice for plants looking for the

next level of sealing performance. This advanced polymer chemistry offers significant advantages when compared to older generation perfluorinated elastomer materials.

Chesterton® ChemLast™ O-Rings

ChemLast combines improved physical and chemical resistance properties to achieve unmatched performance. The latest developments in polymer chemistry have been incorporated to perfect an o-ring that meets the sealing demands of aggressive fluids and conditions. As a result, ChemLast's sealing performance is unparalleled.

Long Memory and Excellent Resiliency



Chemical Compatibility Comparison

Chemical Family	ChemLast 550	ChemLast 250	Competitor A
Organic Acids	1	1	1
Inorganic Acids	1	1	1
Bases	1	2	3
Amines	1	3	4
Steam/Hot Water	1	2	3
Ketones	1	1	1
Aldehydes	1	2	4

1: Excellent, 2: Satisfactory, 3: Marginal, 4: Not Recommended

ChemLast 550™

Widest range of chemical compatibility with superior temperature sealing performance

Temperature Limits

■ -15°C to 260°C (5°F to 500°F)

Durometer

■ 75 Shore A

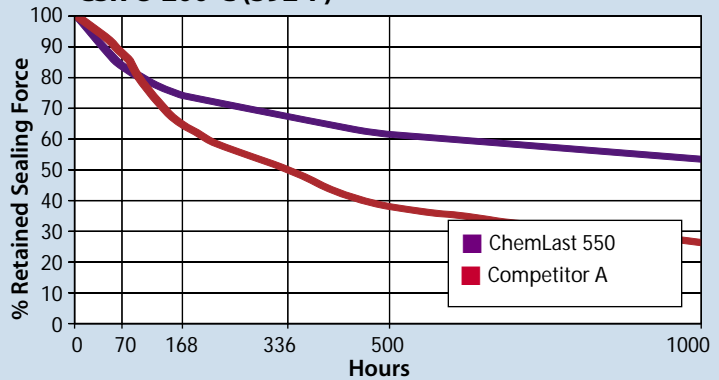
Compression Set

ASTM D395 Method B, 2-214 o-rings

70 hours at 200°C (392°F)

■ 19% at 200°C (392°F)

CSR @ 200°C (392°F)



ChemLast 250™

Ultra-high temperature capability with a broad range of chemical resistance

Temperature Limits

■ -15°C to 300°C (5°F to 575°F)

Durometer

■ 75 Shore A

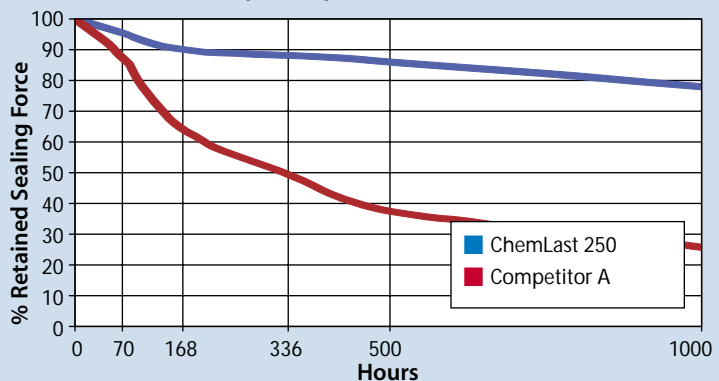
Compression Set

ASTM D395 Method B, 2-214 o-rings

70 hours at 200°C (392°F)

■ 12% at 200°C (392°F)

CSR @ 200°C (392°F)



The following products are trademarks A.W.Chesterton Company: ChemLast, ChemLast 250 and ChemLast 550.



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