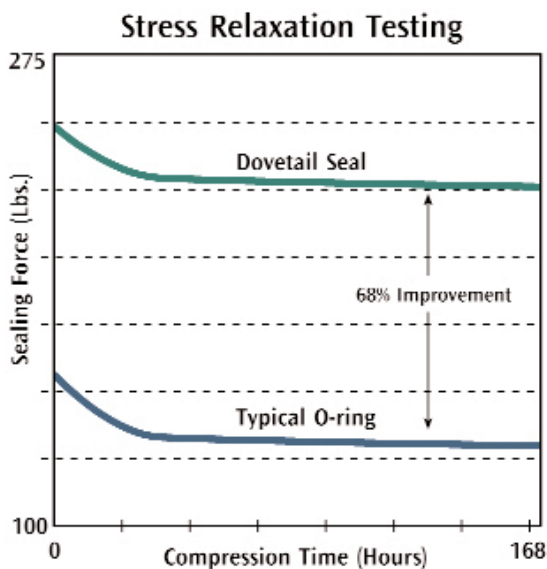


Dovetail® Seals

A Better Fit for a Better Seal

Engineered Components

The Dovetail® Seal was created specifically for dovetail glands where conventional seals can seriously compromise function. The unique geometry of Greene Tweed's Dovetail® Seal precludes twisting and simplifies installation. In addition, the seal's parting lines are buried in the dovetail gland where they are protected from plasma attack. Compared to traditional o-rings, the Dovetail® Seal offers better seal integrity, reducing the potential for process contamination and allowing for more than twice the sealing force. Typically made from Greene Tweed's proprietary perfluoroelastomer compound, Chemraz®, Dovetail® seals ensure stability and cleanliness.



Features and Benefits

- Unique seal geometry for dovetail glands provides fast and easy installation and greater sealing force
- Proper fit of seal to gland to ensure proper seal orientation without twisting and eliminate potential leaks
- Parting lines buried in gland so seal is less likely to fail due to plasma attack
- Larger sealing surface to enhance seal integrity
- Limited particle generation with Chemraz® FFKM to lower contamination potential

Applications

- Slit valves
- Door seals
- Quartz windows
- Load locks
- Gas inlets

Note: Color variations and dark spots that might be observed in Chemraz® parts are considered cosmetic and an inherent result of the polymer curing process. They are not foreign matter and not anticipated to adversely affect the performance of the part in service. Please contact a Greene Tweed applications engineer for additional information.

Contact Us

Greene Tweed
Kulpsville, PA, USA

Tel: +1.215.256.9521
Fax: +1.215.256.0189

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