



Kalrez[®] perfluoroelastomer parts
From DuPont Performance Elastomers



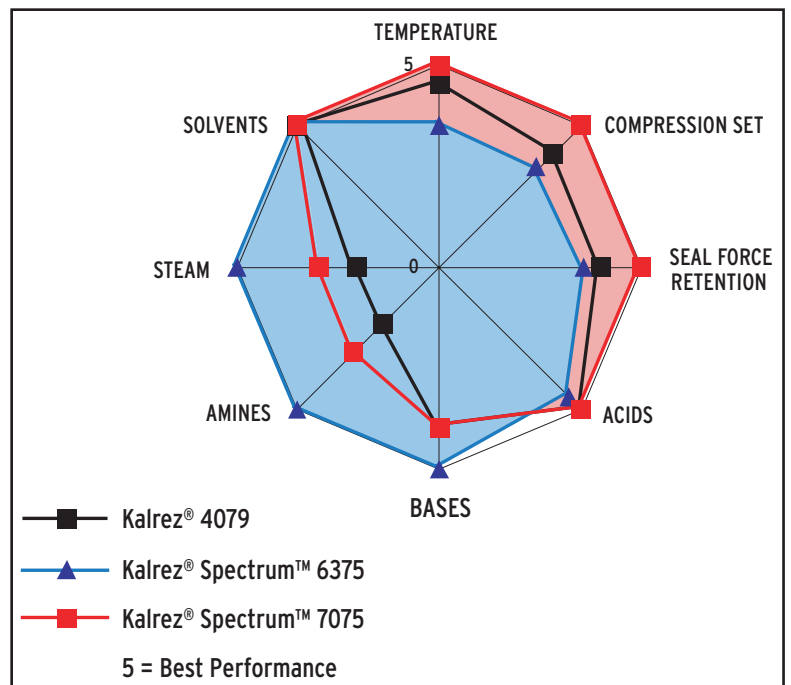
DuPont Performance Elastomers

Created in the 1960's by DuPont Performance Elastomers, Kalrez[®] has established itself as the most trusted name for high performance seals. Perfluoroelastomers exhibit peak performance in high temperature range applications and a broader chemical resistance than any other elastomer. Kalrez[®] has a service temperature up to 327°C and is resistant to more than 1800 chemicals. Kalrez[®] has the broadest Perfluoroelastomer offering in the industry.

Kalrez[®] Spectrum[™]

The Kalrez[®] product line later grew with the creation of the Spectrum[™] compounds. The two most popular compounds to emerge from Spectrum[™] are compounds 6375 and 7075. When looking at the figure to the right it is easy to see why Spectrum[™] has begun to replace 4079 (the original favourite Kalrez[®] compound).

The Kalrez[®] Spectrum[™] compounds offer a further increase to chemicals and high heat when compared to 4079.

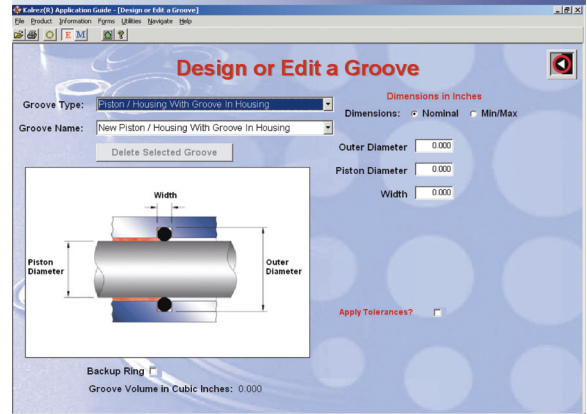


Beyond the Compound

The sealing industry has grown in complexity. DuPont Performance Elastomers takes the need away from you to be an expert in sealing mechanics. When working with Hi-Tech Seals, DuPont P.E. will provide you with:

- Engineering and application support
- Extensive R&D facility offerings
- Failure analysis capabilities
- Chemical Resistance Guides
- And Kalrez® Application Guides

Guides are available through www.dupontelastomers.com.

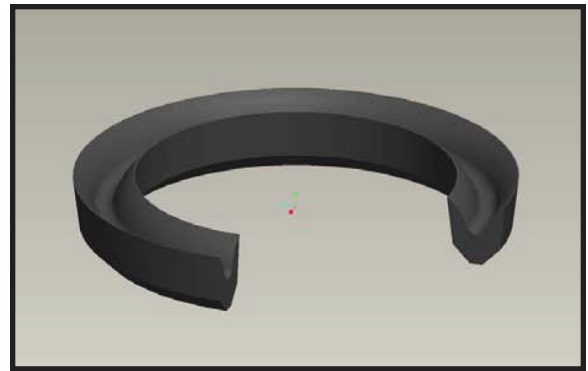


(Kalrez® Application Guide)

Part Creation

Kalrez® is the only material that DuPont Performance Elastomers creates from compound and produces into a final product. Common products produced in Kalrez include:

- O-rings
- V-rings
- Custom parts and shapes
- Kalrez® to metal bonding



(Rendering of Kalrez® Vee Packing)

Kalrez® UltraPure™

Originally designed for the semiconductor industry Kalrez® UltraPure™ creates parts free of contamination. These parts exhibit improved vacuum-sealing and low outgassing. Kalrez® UltraPure™ parts are created at Class 100 workstations and are conditioned, specially cleaned and double packaged. Kalrez® UltraPure™ parts are perfect for applications involving semiconductors, food & beverage or the life sciences.

Kalrez® products are available through Hi-Tech Seals.



ISO 9001
REGISTERED QMS

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