

DuPont™ Kalrez® OG193 Perfluoroelastomer Parts

For Oil and Gas Applications Requiring High Rapid Gas Decompression (RGD)
Resistance in a Broad Range of Temperatures, Conditions and Part Configurations

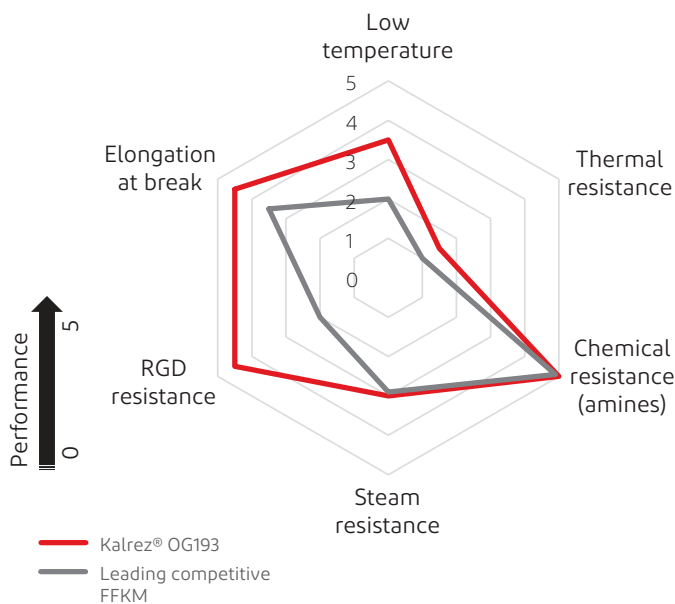


Excellent balance of properties for oil & gas applications

DuPont™ Kalrez® perfluoroelastomer parts have been used in aggressive processes and high temperature applications for more than 40 years. With the introduction of Kalrez® OG193, DuPont now offers top performing 90+ durometer (Shore A) perfluoroelastomer (FFKM) parts to meet the demands of the oil and gas industry.



Performance Comparison



Best in class rapid gas decompression performance*

Kalrez® OG193 parts pass the ISO 23936-2 RGD test with a “0000” rating, enabling exceptional performance in environments where RGD resistance is paramount.

*According to ISO 23936-2 performed in a third party certified laboratory

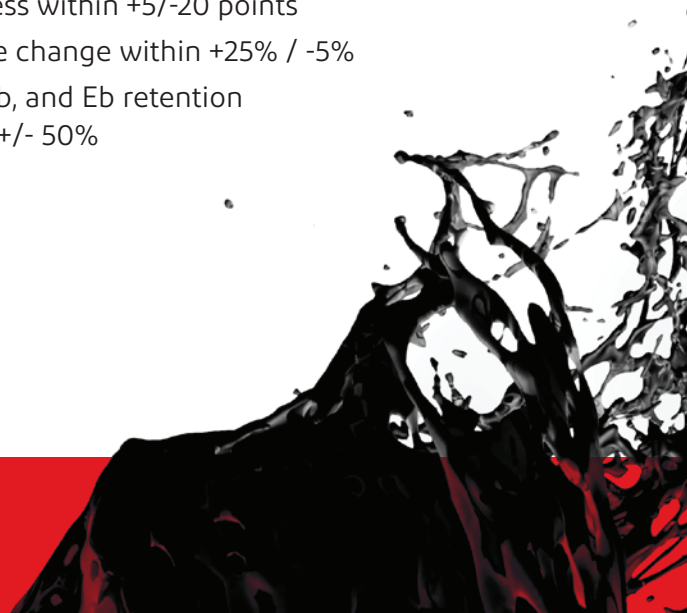
Suitable for use in sour service

Tested using the rigorous requirements of ISO 23936-2 at 215 °C after long term exposure to high H₂S content mixture.

- Hardness within +5/-20 points
- Volume change within +25% / -5%
- M50, Tb, and Eb retention within +/- 50%

Typical Applications

- Completion tools
- Drilling and wireline tools
- Valves
- Pumps
- Compressors
- Process instrumentation
- Packing systems

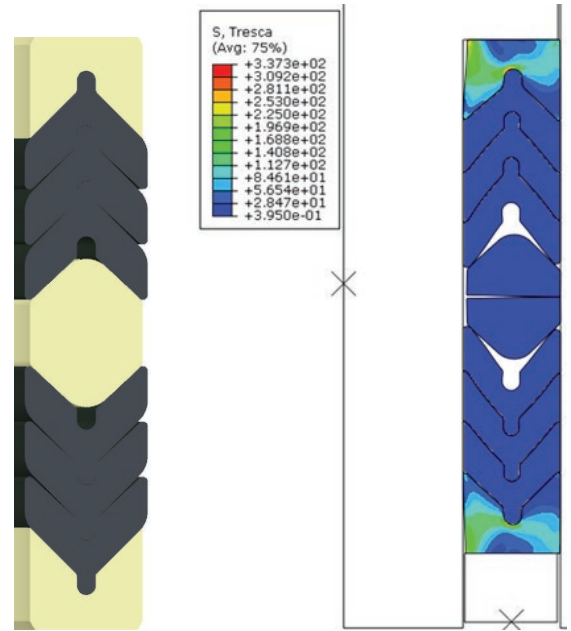


Available in a variety of shapes

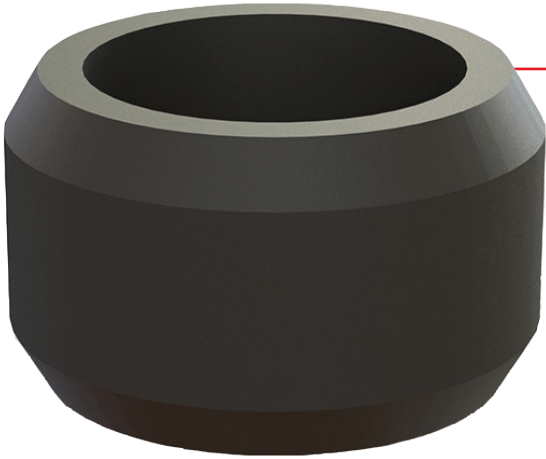
Custom advanced finite element analysis (FEA) capabilities are available to help design new seal shapes, optimize compound selection/groove geometry, and model the performance of parts in service. FEA can shorten development times and produce innovative solutions for long-term sealing.

Custom sealing solutions

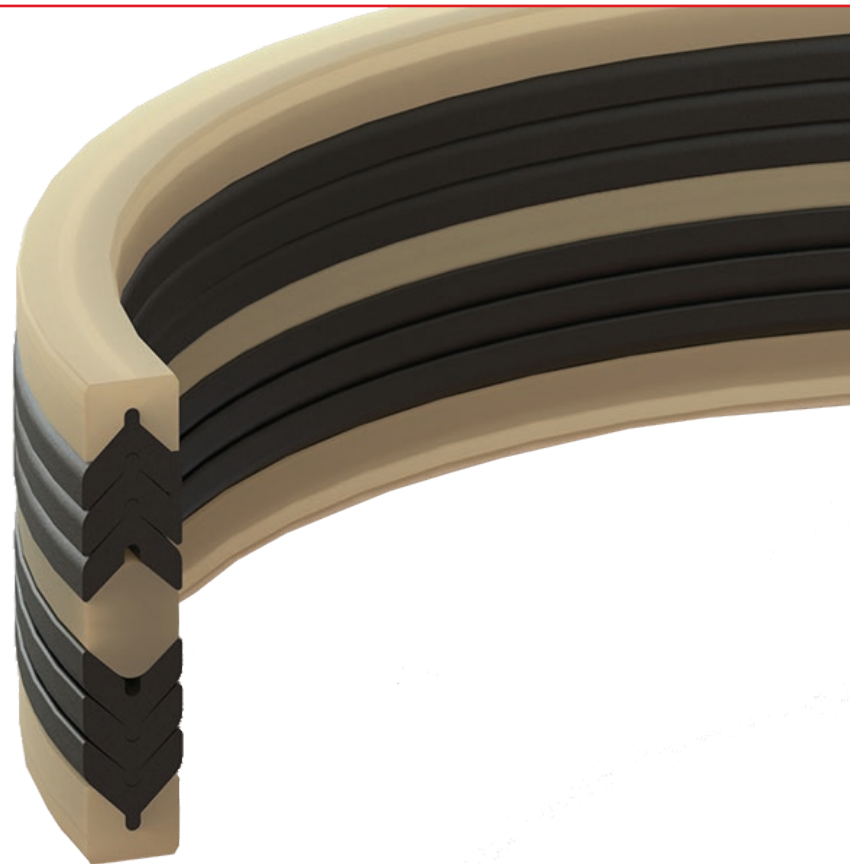
Our global technology network enables us to collaborate with you to provide a customized design solution to meet your unique sealing needs.



Completion Packer



Chevron Stack



Visit us at kalrez.com

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