

Kalrez® OG193

PERFLUOROELASTOMER PARTS



DuPont™ Kalrez® OG193 perfluoroelastomer parts exhibit an excellent balance of properties for oil and gas applications. Kalrez® OG193 combines best-in-class Rapid Gas Decompression (RGD) performance and chemical resistance with good low temperature and thermal stability. This product also offers excellent versatility that allows it to be used for a variety of key parts including O-rings, Packers, Bonded Seals, Chevron Stacks, T-Seals, and many others. It is an ideal fit for various applications in both upstream and downstream, such as oilfield production/completion equipment, wireline and drilling tools, pumps, mechanical seals, valves, compressors and many more!

Product Information

Colour	Black
Maximum Service Temperature *	250°C (482°F)
Lowest Service Temperature *	-32°C (-26°F)

*Maximum and Lowest Service temperatures may vary with seal design and application specifics.

Typical mechanical properties

Shore A hardness	95	ASTM D 2240
Modulus at 50% elongation	11.1 MPa (1610 psi)	ASTM D 412
Tensile Strength	21.4 MPa (3100 psi)	ASTM D 412
Elongation at Break	110 %	ASTM D 412
Compression Set, 70 hours at 204°C (400°F), O-ring (AS568-214)	21 %	ASTM D 1414

Thermal Properties

Linear Coefficient of Thermal Expansion	1.90E-04 /°C (1.06E-04 /°F)	ISO 11359-1/-2
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