

Rulon 1189 is the latest generation of Rulon compressor seal materials, engineered for long-life service requirements. This material is compatible with oxygen and other inert gases and will operate well against soft mating hardware like stainless steel and aluminum.

It has excellent flex fatigue resistance, low friction and long wear life in unlubricated service.

Rulon 1189 can be stamped and formed, machined to print or supplied in stock shapes.

Features

- Color: Dark Green
- Good chemical resistance
- Ideally suited for demanding applications in air or gas compressors and oxygen concentrators.
- Good dimensional stability
- Working temperature: -400 °F to + 500 °F



Technical Specifications

Property	Value	Unit
Specific Gravity ASTM D792	1.90	gram/cu. cm
Hardness, ASTM D785	62	Shore D
Mechanical Data		
Tensile Strength, ASTM D638	1,700 (11.7)	psi (MPa)
Elongation, ASTM D638	150	%
Tensile Modulus, ASTM D638	35,000 (241.3)	psi (MPa)

We're ready to put our engineering expertise to work for you from prototype to production.

Engineering | Custom Fabrication | Manufacturing



CJ Composite

- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze



Ultracomp[®]

- Self-Lubricating
- High Load | Low Speed
- 54,400 PSI Compressive Strength
- Exceptional Resistance to Vibration and Impact



TriSteel[™]

- Self-Lubricating
- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free



Rulon[®]

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant



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