

Rulon[®] J Powers Green Energy Compressors for Billions of Cycles

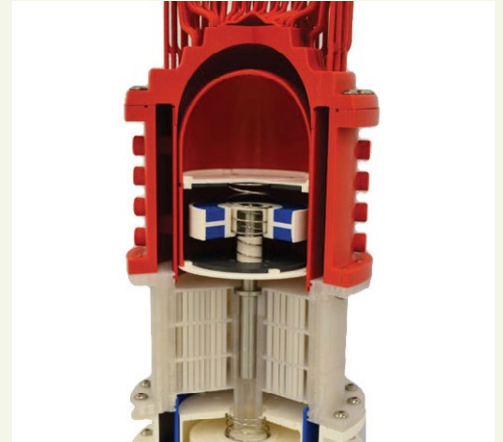


Rulon J is powering new energy systems for billions of stroke cycles — for years of continuous service with virtually zero bearing wear.

Consumers are demanding more green energy solutions, and manufacturers are demanding [Rulon J seals and guide rings](#) to power those solutions.

Our partner builds alternative energy systems that produce electricity via natural gas. Their application required a tough, reliable plastic bearing to eliminate metal-to-metal contact of piston and rod. Exceptional wear properties, low-friction and temperature tolerance were also key requirements.

■ A partnership with TriStar gives you a competitive edge.



Cutaway of system for converting natural gas to electricity.

Today's plastic bearings for tomorrow's power

Rulon J was the ideal choice based on its reinforced design for better wear and friction resistance. Rulon J seals and rings are shaft-friendly and run well against soft mating hardware. And with one of the lowest PV ratings of the PTFE-blends [7500], only genuine Rulon J can deliver continuous service without maintenance or replacement.

Choose Rulon J for:

- Lowest PV rating for longer service
- Self-lubricating design for no maintenance
- Good temperature tolerance for hot/cold extremes

Our partner reports tremendous success with genuine Rulon J materials.

Explore the [design possibilities of Rulon J](#) for your application with our [in-house Experts!](#)

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



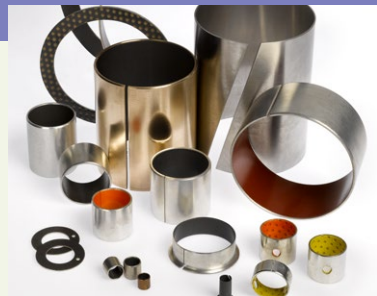
Ultracomp[®]

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



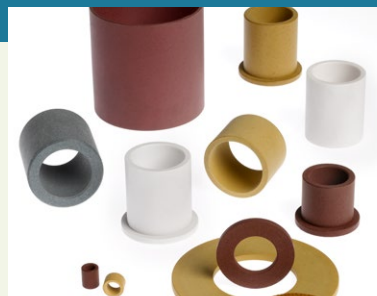
TriSteel[™]

- 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



Enhanced Materials Division

- Plasma Surface Treatment
- Specialized Primers & Coatings
- Material ID & Selection
- Process Engineering | Analysis & Testing



TriStar



Engineered Plastic Solutions[™]

tstar.com



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