

From Fresh-Water Meters to Chemical Tanks, Rulon® W2 Excels in Liquids



"A filled-PTFE can be used in a wet application?" You might be asking this very question, since filled-PTFEs are generally reserved for dry applications only. But Rulon W2 has a unique additive that gives it stability when wet, making it ideal even for fully-submerged applications.

The material delivers one of the best wear and friction rates, plus good thermal dissipation for a superior bearing lifespan. [See the Rulon W2 video!](#)

Rulon W2 is your go-to material for most liquid applications, with the exception of salt water. For salt water bilge pumps and other marine uses, [consider the advantages of Rulon 1439.](#)

Clearly, [Rulon is the superior choice](#) for performance in fresh, chemical and salt water applications. Get your [free copies of our Rulon technical papers to explore more!](#)

■ A partnership with TriStar gives you a competitive edge.



Rulon W2

Fresh-water meter bearings

A leading manufacturer of industrial meters contacted us seeking a replacement for an Oilite bronze bearing that was leaking oil into the water. They also complained that the bronze hardware was incompatible with the stainless-steel mating shafts. Given the advent of automated meter-reader systems, these issues posed a significant reliability problem. Self-lubricating Rulon W2 solved both dilemmas by eliminating oil leakage into the clean water, and improving mating tolerance. Our client now reports years of reliable service.

Chemical tank submersion

We also worked with a leading supplier of chemical tanks to replace a Torlon polyamide-imide (PAI) component used in heavily-chlorinated chemical tanks. The Torlon surface failed from a combination of chlorine exposure and metal-to-metal hardware contact. With Rulon W2 bearings in the tank, our client has extended bearing lifetime and saved on replacement costs.

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



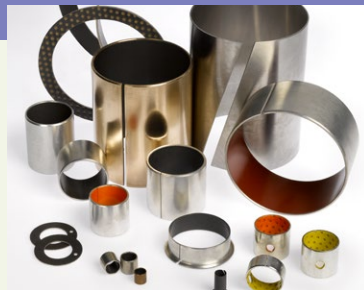
Ultracomp[®]

- 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



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