

Marine Bearings Sail the Seas Corrosion Free

■ A partnership with TriStar gives you a competitive edge.



photo credit: [chatani](#) via [photopin](#) cc

Strong, lightweight and durable, and with the ability to resist the corrosive effects of salt water, fog and sea spray, plastic marine bearings are built to last.

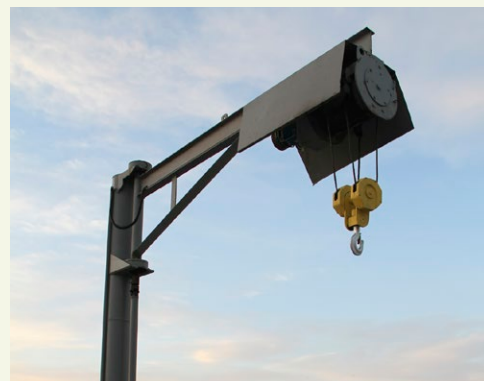
But what makes for a good marine bearing? In many cases, reinforced materials are a good option. Here are just a few examples of where [reinforced plastic bearings](#) have made a difference in marine applications.

Our team has partnered with the "captains" of the marine industry, including the design teams for many of [America's Cup vessels](#).

We've found that reinforced bearings can be the answer to longer wear on hydraulic piston and gear pump applications, plus davits, sheaves and rudders.



TriSteel Bearings



A marine Davit Crane

What are TriSteel Bearings?

TriSteels are a hybrid of traditional PTFE and standard bronze bearings, and are available with or without reservoir holes for more efficient barrier lubrication. They excel as a marine bearing, and can handle PVs up to 1 million and friction coefficients of 0.08-0.12.

[TriSteel bearings](#) provide an exceptional replacement option for rolling element bearings for rod and piston designs. [See our video for an in-depth review of liner options for reinforced bearings.](#)

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



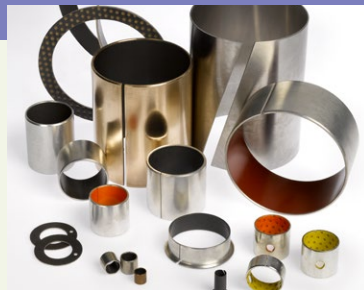
Ultracomp[®]

- 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



Engineered Plastic Solutions[™]

tstar.com

1.800.874.7827

©TriStar Plastics Corp. All rights reserved. Ultracomp is a registered trademark and TriSteel is a trademark of TriStar Plastics Corp. Rulon is a registered trademark of Saint-Gobain Performance Plastics Corporation.