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Rulon® XL Bearings are Mission Critical to Military Laser Systems

The use of laser technology is widely employed and expanding on today's battlefield. With high-energy lasers, Coalition troops can detect and "paint" enemy targets from a safe distance to protect soldiers and prevent friendly casualties. And we are proud to say that TriStar's [Rulon® XL bearings](#) play a central role in supporting the highly-sensitive laser systems. You could even say we consider it our "Call to Duty."



Rulon® is ready...

Lasers on the battlefield may sound like a futuristic scene from "Star Wars," but are now a reality in modern warfare. In a fluid combat environment, they offer an advanced alternative to traditional target acquisition systems for monitoring and engaging enemy forces. The high-powered lasers systems are located aboard reconnaissance vehicles, and Rulon® XL bearings — [now available only from TriStar](#) — support the shafts for superior strength and stability control over rough terrain.

... with astounding accuracy

Reconnaissance vehicles generally carry six outriggers; each operating independently so the vehicle can be placed precisely azimuth to the horizon. Once the vehicle is positioned, the laser systems offer outstanding accuracy, even when launched from miles away. Our client reports that Rulon® shaft support bearings have proven significantly more reliable than other materials they have tried, including metal. And because Rulon® bearings are self-lubricating, abrasion-resistant and offer low-friction, regularly-scheduled maintenance becomes a non-issue. In fact, Rulon® bearings actually improve in response to pressure and temperature variations.

Simply, Rulon® bearings excel on the battlefield, as well as a number of other mechanical, electrical and chemical environments. For a review of the entire [Rulon® product line](#) — featuring Rulon® J and Rulon® 641 — look to our [Experts](#), or visit our [video learning center](#). We can help move your vision from prototype to production.

We invite you to experience [The TriStar Advantage](#).

We've created "[The TriStar Advantage](#)" with you in mind.

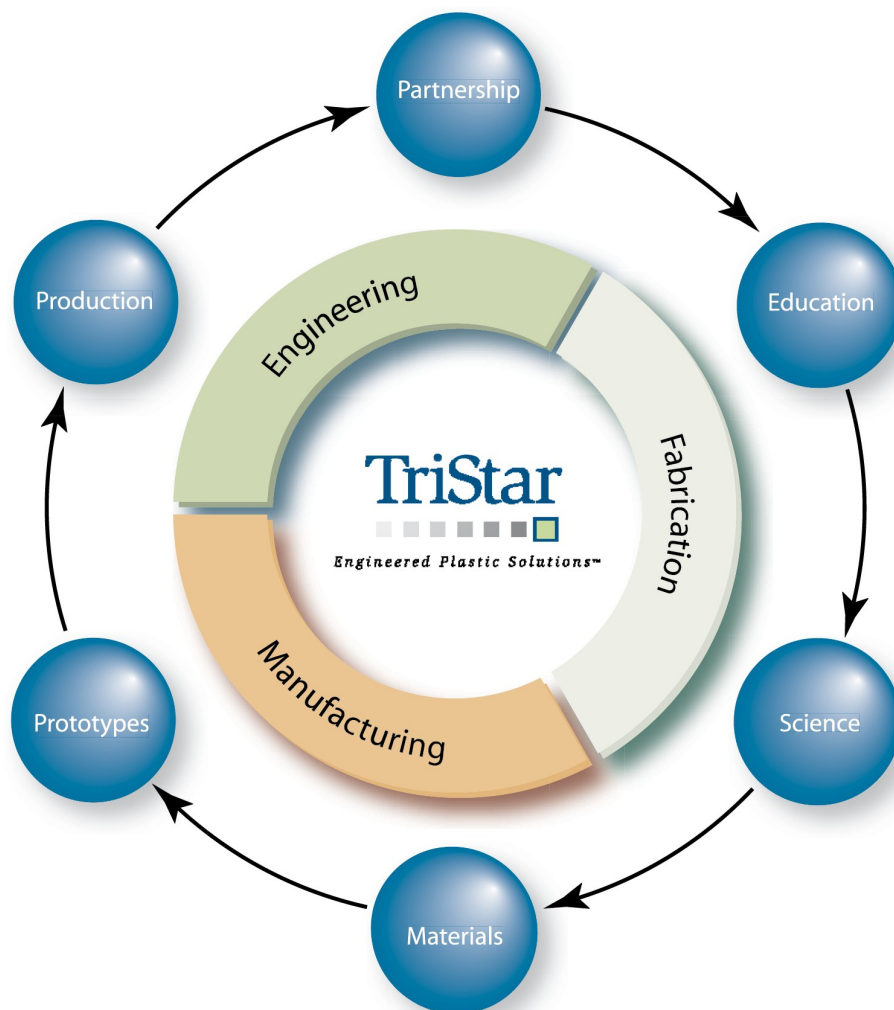


The
Advantage
is Clear

Our business has been designed by you.

Established in 1982, TriStar Plastics Corp. provides engineering, custom fabrication and manufacturing of high-performance polymers, composites and self-lubricating bearing materials.

With engineering and sales offices coast to coast we stand ready to serve you.



TriStar

Engineered Plastic Solutions™

Over 50 Industries Served

Since 1982 TriStar has been the in-house engineering resource providing engineering, design assistance, prototyping, custom fabrication, and manufacturing in over 50 industries including:

- Agriculture
- Construction
- Food
- Marine
- Medical
- Railroad

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