

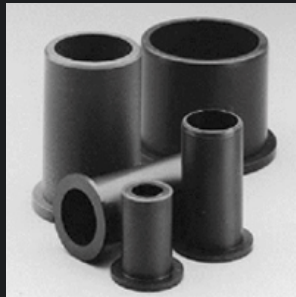


Custom Plastic Bearings

The use of Engineering and High Performance Plastics in dynamic load-bearing applications has helped revolutionize virtually all mechanical products. Our Customer's new product designs are continually pushing the limits of Engineering and High Performance plastic materials. Advanced Industrial consistently exceeds customer expectations with new innovative solutions which allow our customers to design a bearing that fits their application rather than having to design a device around a standard metal or rolling element bearing. We provide quick-turn prototypes; low-volume machined to high-volume machined components in all bearing-grade materials.



Sleeve Bearings



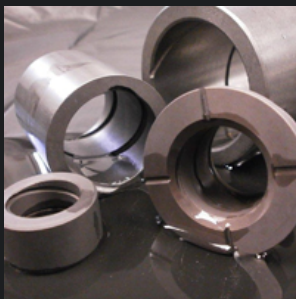
Flange Bearings



Spherical Bearings



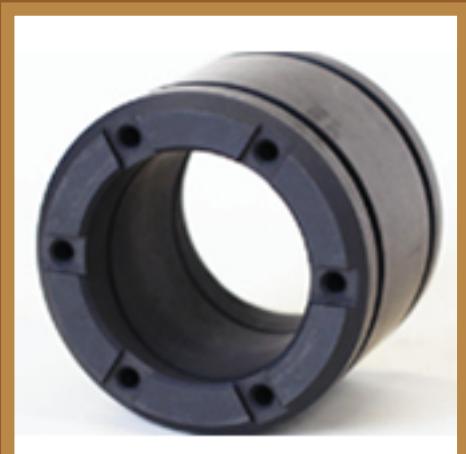
Custom Bearing and Wear Components



Self Lubricating Bearings and Thrust Washers



High Performance PEEK and Polyimide Bearings



Bearing Grade Materials

Delrin AF	PEEK 450G	Ertalyte
Nyloil	Nylatron	Nycast GX
Rulon LR	Rulon J	Rulon 641
PEEK 5025	PEEK 5030	PEEK 5035
Ertalyte TX	MD Nylon	PEEK CF30
Nycast RX	UHMW	GF Teflon
Vespel	Celazole	PEEK HPV
Nycast SLX	Torlon	Fluorosint

Benefits of Plain Plastic Bearings

High Temperature Capability	Maintenance Free	Wash down resistant
Chemically Resistant	Quiet Running	High PV Grades
Low Friction	Self Lubricating	USDA and FDA Compliant
Low Moisture Absorbstion	Wear Resistance	Runs dry, wet, or submerged
Low and High Load Grades	Lightweight	Low Relative Cost