



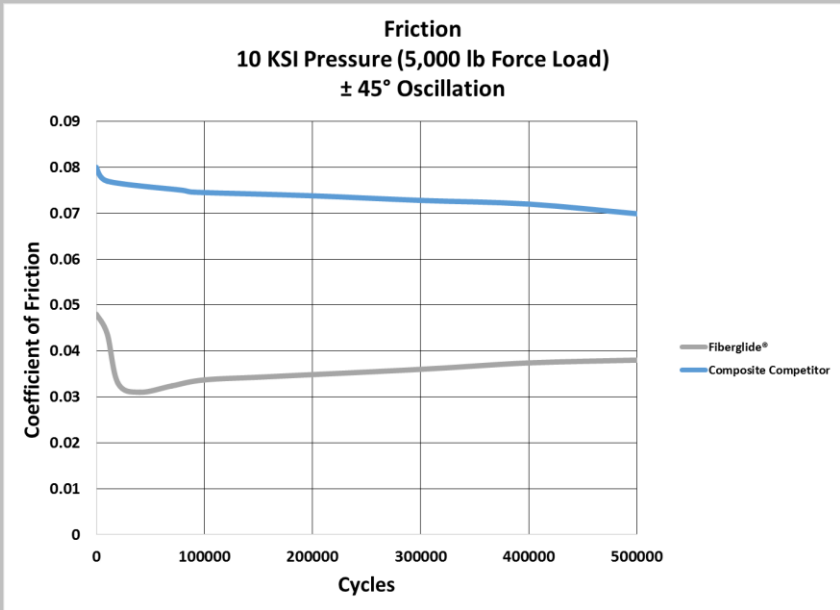
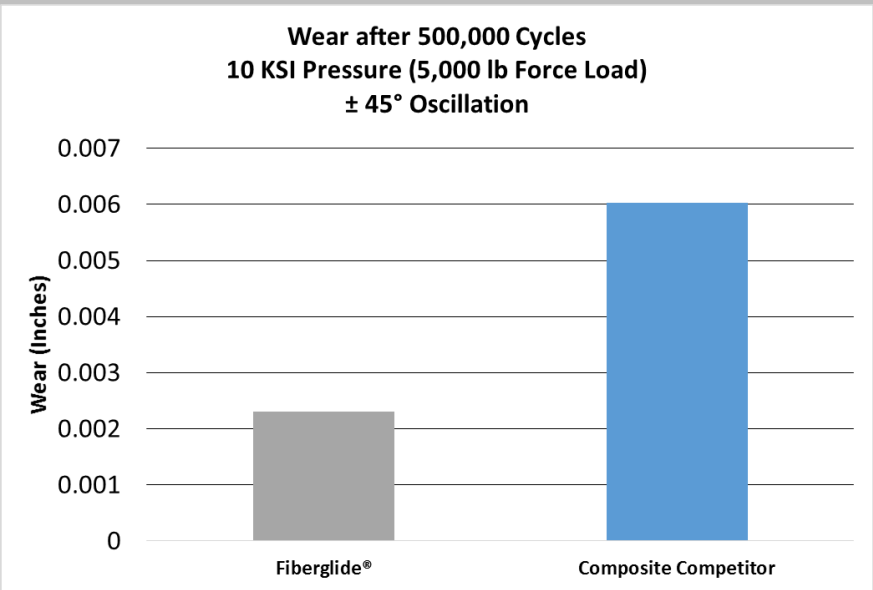
Lubron™ Bearing Systems, Inc.
A Global Leader in Solid Journal Bushings



+1 (714) 841-3007
www.rbcbearings.com
sales@rbcbearings.com

RBC[®] LUBRON[™] ENGINEERING DATA

Fiberglide[®] solid journal bushings provide excellent wear resistance. Fiberglide[®] experiences 50% less wear compared to its competitor under the same radial load.



Fiberglide[®] offers the advantage of maintaining low friction. Fiberglide[®] bushings perform with excellent friction resistance under high loads.

Average Housing Temperature Reading after 500,000 Cycles		
Liner System	Fiberglide [®]	Composite Competitor
Average Housing Temperature (°F)	136	143

Fiberglide[®] offers better heat dissipation since the backing material is metal versus composite.

Less Heat = Less Wear


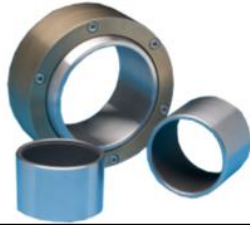
Your composite replacement solution!

RBC® LUBRON™ BENEFITS

Fiberglide® solid journal bushings are designed to be drop in replacements for filament wound product. Fiberglide® liner can be bonded to almost any backing material.

Advantages of Fiberglide®:

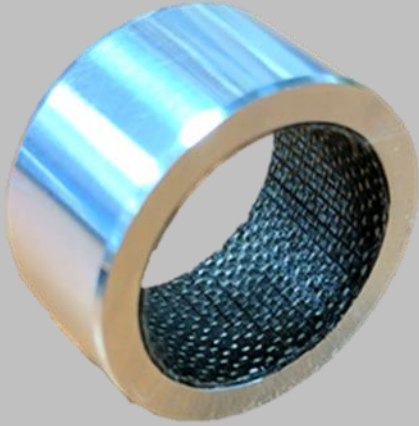
- Resistant to wear
- Offer constant low friction
- Better heat dissipation
- No noise, does not squeak
- Maintenance-free, no additional lubrication needed
- Virtually no fluid absorption
- Available in a variety of backing material
- Price Competitive
- Long life

Product		Fiberglide®	TF™
Photo			
Description		High performance woven PTFE composite liner bonded to a formed steel or special alloy	
Available	Inch	✓	✓
	Metric	✓	✓
Maximum Temperature		400°F	400°F
Load Capacity of Liner (maximum)*		Static: 60,000 psi Dynamic: 20,000 psi	
Coefficient of Friction**		0.03	0.04

* Table lists load capacity of the liner. Load capacity of solid journal bushing is affected by material.

** Table lists the coefficient of friction with an applied 10ksi load. Friction is dependent on load and application. Please consult an RBC® Lubron™ Engineer for your application needs.

RBC® LUBRON™ INTERCHANGE TABLE



Excellent Friction & Wear

High Load Capacity

Excellent Shock Resistance

GGB	Polygon	RBC	ID	OD	L
GM0812-008	PWR08M12-08	SJB081208	1/2	3/4	1/2
GM1014-012	PWR10M14-12	SJB101412	5/8	7/8	3/4
GM1216-012	PWR12M16-12	SJB121612	3/4	1	3/4
GM1216-016	PWR12M16-16	SJB121616	3/4	1	1
GM1418-012	PWR14M18-12	SJB141812	7/8	1 1/8	3/4
GM1418-016	PWR14M18-16	SJB141816	7/8	1 1/8	1
GM1620-008	PWR16M20-08	SJB162008	1	1 1/4	1/2
GM1620-012	PWR16M20-12	SJB162012	1	1 1/4	3/4
GM1620-016	PWR16M20-16	SJB162016	1	1 1/4	1
GM1620-024	PWR16M20-24	SJB162024	1	1 1/4	1 1/2
GM1822-016	PWR18M22-16	SJB182216	1 1/8	1 3/8	1
GM1822-024	PWR18M22-24	SJB182224	1 1/8	1 3/8	1 1/2
GM2028-020	PWR20M28-20	SJB202820	1 1/4	1 3/4	1 1/4
GM2428-020	PWR24M28-20	SJB242820	1 1/2	1 3/4	1 1/4
GM2428-032	PWR24M28-32	SJB242832	1 1/2	1 3/4	2
GM3240-028	PWR32M40-28	SJB324028	2	2 1/2	1 3/4
GM3240-032	PWR32M40-32	SJB324032	2	2 1/2	2

RBC[®] LUBRON[™] PART NUMBER DESIGNATION

RBC Solid Journal Bushings

Part Number Designation

Example:	SJB162016					
	SJB	16	20	16		
Nomenclature	Type	I.D.	O.D.	Length	Material (optional)	Lube (optional)
Position	1	2	3	4	Suffix	Suffix

Position 1 - Type	
SJB	Solid Journal Bushing
SJBF	Flanged Solid Journal Bushing

Suffix - Material	
	Aluminium
S	Stainless Steel
K	Low Carbon Steel
B	Bronze

Position 2 - Inner Diameter
Expressed in 1/16 inch increments
Examples: 9/16" = 09 1" = 16

Suffix - Lube	
	Fiberglide A
Z	Fiberglide Z
T	Lubron TF

Position 3 - Outer Diameter
Expressed in 1/16 inch increments
Examples: 1/2" = 08 1 1/4" = 20

Position 4 - Length
Expressed in 1/16 inch increments
Examples: 1 1/2" = 24 2" = 32



Innovation. Commitment. Quality.



NICE[®]
Ball Bearings



Thin Sections
Thin Section Bearings



RBC Roller[®]
Cam Followers



Heim[®]
Rod Ends & Spherical Plain Bushings



Pitchlign[®]
HD Needle Bearings



Aerospace Bearings



QuadLube[®]
Spherical Plain Bearings



Large Bore
Large Bore Ball, Tapered & Cylindrical Bearings



Fiberglide[®]
Maintenance-free Bushings



Lubron[™]
Extreme Service Bearings



TRTBs
Tapered Roller Thrust Bearings



PIC Design[®]
Precision Gears & Belts



Precision Products
Precision Pins & Shafts



Climax
Engineered Shaft Locking Solutions



CRTBs
Cylindrical Roller & Thrust Bearings