Lubron™ self-lubricating bearings have been used in many water applications including valve systems.

Lubron™ self-lubricating bearings have also been used in heavy machinery and oil rigs around the world.

Fiberglide® and Lubron™ self-lubricating products are ideal for a multitude of applications where components are inaccessible as lubrication is unnecessary. These products are offered in different sizes and configurations, giving them the ability to be designed to satisfy customer’s needs.

Fiberglide® self-lubricating bearings are perfect for your industrial needs including: hydraulic cylinders, conveyor systems, power transmissions, and a wide variety of valve applications.
<table>
<thead>
<tr>
<th>Product</th>
<th>Photo</th>
<th>Description</th>
<th>Available</th>
<th>Bushing</th>
<th>Washer</th>
</tr>
</thead>
</table>
| Fiberglide®  | ![Fiberglide](image) | High performance woven PTFE composite liner bonded to a formed steel or special alloy | ✔ ✔       | ID: ≥0.312"  
L: ≥0.312"  
OD: ≥0.750"  
THK: ≥0.058" |                  |
| Fabroid®     | ![Fabroid](image) | Purified graphite plug style lubricant covering approximately 40% of bearing surface, specially designed for use in the nuclear industry | ✔ ✔       | ID: ≥2"  
L: ≥1"  
OD: ≥2"  
THK: ≥¼" |                  |
| AE40™        | ![AE40](image) | PTFE based composite plug style lubricant covering a minimum of 30% of the bearing surface area | ✔ ✔       | ID: ≥2"  
L: ≥1"  
OD: ≥2"  
THK: ≥¼" |                  |
| AQ30™        | ![AQ30](image) | PTFE based composite lubricant covering 100% of the bearing surface area | ✔ ✔       | ID: ≥2"  
L: ≥1"  
OD: ≥2"  
THK: ≥¼" |                  |
| AQ100™       | ![AQ100](image) | Woven PTFE composite liner covering 100% of bearing surface area | ✔ ✔       | ID: ≥1"  
L: ≥1"  
OD: ≥2"  
THK: ≥¼" |                  |
| TF™          | ![TF](image) | Graphite composite plug style solid lubricant covering a minimum of 30% of the bearing surface area | ✔ ✔       | ID: ≥2"  
L: ≥1"  
THK: ≥¼" |                  |
| SL30™        | ![SL30](image) | Solid graphite plug style lubricant covering approximately 40% of bearing surface area | ✔ ✔       | ID: ≥2"  
L: ≥1"  
OD: ≥2"  
THK: ≥¼" |                  |
| SL40™        | ![SL40](image) | PTFE resin liner (virgin or filled with support fibers) | ✔ ✔       | N/A  
OD: ≥2"  
THK: ≥¼" |                  |
<p>| TR™          | <img src="image" alt="TR" /> |                                           | ✔ ✔       |                  |                  |</p>
<table>
<thead>
<tr>
<th>Plate</th>
<th>Spherical Bearing</th>
<th>Spherical Plate</th>
<th>Debris Resistance</th>
<th>Maximum Temperature</th>
<th>Operation in Water</th>
<th>Load (maximum)</th>
<th>Coefficient of Friction</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Sensitive</td>
<td>300 ° F</td>
<td>Good</td>
<td>Static: 38,000 psi Dynamic: 10,000 psi</td>
<td>0.04 – 0.10</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Sensitive</td>
<td>400 ° F</td>
<td>Good</td>
<td>Static: 60,000 psi Dynamic: 20,000 psi</td>
<td>0.03 – 0.10</td>
</tr>
<tr>
<td>W: ≥2” L: ≥2” THK: ≥¼”</td>
<td>ID: ≥2” OD: ≥3” W: ≥1”</td>
<td>DIA ≥6”</td>
<td>Excellent</td>
<td>800 ° F</td>
<td>Average</td>
<td>Static: 12,000 psi Dynamic: 8,000 psi</td>
<td>0.10 - 0.30</td>
</tr>
<tr>
<td>W: ≥2” L: ≥2” THK: ≥¼”</td>
<td>ID: ≥2” OD: ≥3” W: ≥1”</td>
<td>DIA ≥6”</td>
<td>Excellent</td>
<td>300 ° F</td>
<td>Excellent</td>
<td>Static: 12,000 psi Dynamic: 8,000 psi</td>
<td>0.15 - 0.30</td>
</tr>
<tr>
<td>W: ≥2” L: ≥2” THK: ≥¼”</td>
<td>ID: ≥2” OD: ≥3” W: ≥1”</td>
<td>DIA ≥6”</td>
<td>Good</td>
<td>300 ° F</td>
<td>Excellent</td>
<td>Static: 12,000 psi Dynamic: 8,000 psi</td>
<td>0.10 - 0.25</td>
</tr>
<tr>
<td>W: ≥2” L: ≥2” THK: ≥¼”</td>
<td>ID: ≥1” OD: ≥3” W: ≥1”</td>
<td>DIA ≥6”</td>
<td>Sensitive</td>
<td>400 °F</td>
<td>Good</td>
<td>Static: 60,000 psi Dynamic: 30,000 psi</td>
<td>0.01 - 0.07</td>
</tr>
<tr>
<td>W: ≥2” L: ≥2” THK: ≥¼”</td>
<td>ID: ≥2” OD: ≥3” W: ≥1”</td>
<td>DIA ≥6”</td>
<td>Excellent</td>
<td>250 ° F</td>
<td>Average</td>
<td>Static: 12,000 psi Dynamic: 8,000 psi</td>
<td>0.15 - 0.30</td>
</tr>
<tr>
<td>W: ≥2” L: ≥2” THK: ≥¼”</td>
<td>ID: ≥2” OD: ≥3” W: ≥1”</td>
<td>DIA ≥6”</td>
<td>Excellent</td>
<td>800 ° F</td>
<td>Average</td>
<td>Static: 12,000 psi Dynamic: 8,000 psi</td>
<td>0.10 - 0.30</td>
</tr>
<tr>
<td>W: ≥2” L: ≥2” THK: ≥¼”</td>
<td>N/A</td>
<td>N/A</td>
<td>Sensitive</td>
<td>400 ° F</td>
<td>Good</td>
<td>Static: 2,000 psi Dynamic: 2,000 psi</td>
<td>&lt; 0.05</td>
</tr>
</tbody>
</table>
LUBRON™ TF
Offer exceptional performance for high load low friction applications. Constructed of woven PTFE fabric liners permanently bonded and mechanically locked to rigid bronze, stainless steel or fiberglass backings. Capable of very low friction and high wear resistance.

LUBRON™ AQ
The proven choice for hydro and marine applications. Composed of high strength bronze alloys permanently embedded with PTFE solid lubricants, suited for underwater applications, specified by water power authorities and engineering companies worldwide.

LUBRON™ SL
Widely used in industrial and structural applications for moderate to heavy loads and cryogenic to elevated temperatures. Solid graphite lubricants are compounded and compressed into trepanned or circular recesses. Available in a combination with bronze, copper-nickel-tin, and Meehanite® alloys.

FIBERGLIDE®
Ideal for oscillation, vibration, full rotation and linear applications. Wrapped bushings, wear plates, and thrust washers are available in both metal and non-metal backed options. Fiberglide® excels in the 2,000 to 10,000 psi load spectrum and has a low coefficient of friction.

LUBRON™ TR
Used for low friction and moderate load applications. Consist of pure PTFE or glass-filled PTFE resin sheets bonded to either/or a combination of carbon steel, stainless steel, reinforced elastomer or neoprene substrates. Recommended for loads up to 2000 psi.

LUBRON™ AE
Designed for use in nuclear power plants and nuclear powered vessels. Capable of withstanding high radiation and high temperatures. Lubron™ AE near-isotropic nuclear grade graphite solid lubricants are employed to provide long and reliable service life.