

# PUMP BEARINGS



GLIDE materials are widely used in many pumping and hydro applications. With internal lubrication compounded into all of our materials, we have excellent dry-run capacity in vertical and turbine lift pumps. Our high temperature and abrasion resistant materials also have extraordinary success in demanding applications that can handle working temperatures over 450°F.

Our 2 different materials available for your bearing needs:

- Glide-400 - Highly Internally Lubricated
- Glide-616 - High Temperature Tolerance

Key Benefits of Glide-400:

- Extends shaft life: Protects metal shafts from excessive wear.
- High Load Capacity: GLIDE design load 4200 psi. Compressible yield strength 12700 psi.
- Frictional Properties: Thanks to Glide-400's internal lubrication, Glide Pump Bearings can handle high speeds and loading in the most demanding conditions.
- Temperature Limits: Working temperature of up to 266°F. With heavier loads the maximum working temperature should be reduced to 220°F.
- Serviceability: GLIDE-400 can be press fit, slip fit, mechanically secured or epoxied.
- No Electrolytic Corrosion: Allows for easily serviced bushings with no damage to the housing.
- Machinable: GLIDE-400 has no stress relief when machined.
- Industries: Pump, Marine, Food, Industrial, Agricultural.
- FDA and NSF 61 approved.
- Self-lubricating: homogeneous compound has 100% lubrication throughout.

Key Benefits of Glide-616 (High Temp Material):

- Extreme compression resistance.
- High Working Temperature (450°F).
- Dry-Run.
- Works excellent with stainless shafting.
- Custom molded shapes available.



GLIDE products are great for the following pump & hydro applications and more...

Impeller wear Rings  
Casing wear rings  
Pump bowl bearings  
Suction bell bearings  
Spider bearings  
Archimedes screw bearings  
Pivot bushings

Additional material benefits for pumps:

Dissipates heat  
Extreme compressive strength (36,500 psi)  
Excellent wear properties  
Easily installed (press or freeze fit)  
Can run on itself (GLIDE-616 and GLIDE-615)  
Shaft-friendly  
Unlimited sizing combinations  
No need to grease