

Iglide plastic bearings have replaced sintered bronze bushings in many applications, ranging from medical and fitness devices to food processing and agricultural machinery, foot and hand switches, floor scrubbers, lawn mowers, marine equipment, laundry equipment, pumps and valves, postal equipment and many others.

Iglide does so because in many applications it simply lasts longer, without any maintenance. The wear-resistant plastic compounds provide long life even in dirty, dusty environments. Washdown is not a problem; corrosion is eliminated.

These Iglide materials are used most commonly to replace sinter bronze bushings:

Iglide M250 (Catalog) (PDF Catalog) is a thick-walled light-duty bearing used in many types of machinery to dampen vibration and shock loads. Iglide M250 is dimensionally interchangeable with most sintered metal bearings, and can be retro-fitted without changing the housing bore or shaft. Typically they're used in agricultural and exercise equipment and machinery such as woodworking, packaging and welding equipment.

Iglide J (Catalog) (PDF Catalog) is a low-cost bearing for light loads, providing very low friction in almost any environment. Iglide J is specially designed for start/stop, light duty applications, and requires no external lubrication. The stick-slip tendency is extremely low, a fact of particular significance in low-load, very low-speed applications. Iglide J can also be used for high speed, more than 3ft/second, applications, due to its low coefficient of friction.

Iglide R (Catalog) is a low-cost, thick-walled, light-duty bearing used in many types of machinery where typically sinter-bronze bushings are being used. Iglide R is dimensionally interchangeable with most sintered metal bearings, and can be retro-fitted without changing the housing bore or shaft. They are used in packaging machinery, medical devices and agricultural equipment.

Iglide A200 (Catalog) (PDF Catalog) was developed specifically for use in food and pharmaceutical industries. It has been officially approved by the FDA (Food and Drug Administration) for contact with foods.

Iglide G300 (Catalog) (PDF Catalog) is a multi-purpose material frequently used due to its universal qualities and high efficiency. The areas of application include sectors of automotive and aeronautical manufacturing, agricultural and gardening equipment, textile, paper and packaging machines, tooling equipment, office machinery, furniture, medical equipment, pneumatic and hydraulic cylinders, robotic arms, shipbuilding, etc...

Iglide L280 (Catalog) (PDF Catalog) is available for situations where even the excellent abrasion resistance of the G300 and T500 is insufficient. Its superior characteristics are especially well suited for high performance requirements. Applications include, for example, pneumatic cylinders, lifting equipment, fitness machinery, industrial brakes, clutches and automotive components in general.