

News and Information on Innovative Sealing Technologies

LEADER *of the pack*

**JOHNSON
PACKINGS**
& INDUSTRIAL PRODUCTS INC.

PRODUCT SPOTLIGHT

THORDON BEARINGS

More than 40 years ago, Thordon introduced an elastomeric polymer alloy that combines strength/stiffness with high toughness and abrasion resistance. This combination results in a line of bearing products that is capable of carrying the operating loads found in demanding applications yet are flexible enough to resist wear due to abrasives.

The unique polymer structure is fully homogeneous so all the properties – abrasion resistance, self-lubrication, low coefficient of friction, resistance to vibration and shock loading – are consistent throughout the entire bearing wall thickness.

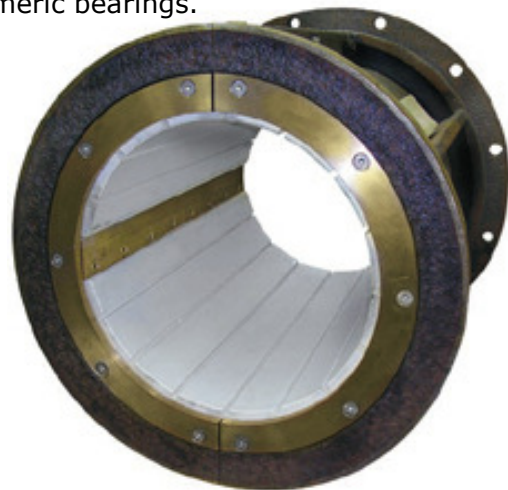
Johnson Packings offers the full line of Thordon Bearings. With the upcoming low-water season, hydro-electric applications are highlighted below, along with a list of other industries currently utilizing elastomeric bearings.

HYDRO-ELECTRIC INDUSTRY

- **Turbine Main Shaft Guide Bearings**
Superior choice for new turbines, upgrades from other bearings and full conversions of sealed oil systems
 - Bonded/mechanically fastened into split or non-split bearing housings
 - Full form tubes
 - On multiple guide blocks for larger bearings
 - Stave configuration
 - Custom designed, if required
- **Wicket Gate and Operating Linkage Bearings**
Operate wet or dry and eliminate the cost, maintenance, and pollution risk associated with greased bearings
 - Self-lubricating to ensure performance in limited-motion applications
 - No galling from edge loading caused by minor misalignments or gate deflections
 - Can be machined on-site to accommodate dimensional inconsistencies and avoid replacement parts
 - Quick stock and custom delivery to meet demanding rehabilitation schedules
- **Segmented Turbine Shaft Seals**
Thordon SXL segmented axial and radial seals last longer and cut life-cycle costs compared to carbon seals
 - Will not damage during installation like carbon
 - High abrasion resistance
 - Easy installation and misalignment tolerance
 - Supplied molded to size

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OTHER INDUSTRIES

- Marine Industry
- Waste Water & Sewage Treatment
- Pulp & Paper / Forestry
- Mining
- And many, many others

Please call us at 1-800-356-0061 for more information, or for any tough application you have.

THORDON
THORDON BEARINGS INC.

GARLOCK AWARDED PROCESSING'S 2009 BREAKTHROUGH PRODUCT OF THE YEAR

In late 2008, Garlock introduced Flange Free™, a proprietary anti-stick agent that facilitates removal of gaskets from flanged joints. Flange Free™ is a high-temperature, inorganic coating being applied to the entire line of compressed sheet gasketing.

Treated gaskets dramatically reduce the time and effort required to remove them after extended service—typically seconds versus hours—and with just a fraction of the force required to remove untreated

gaskets.

Unlike most treated gaskets, Flange Free™ is fused to the surface of the gasket material



and does not contain chemicals that can cause the gaskets to crack or otherwise degrade. The anti-stick compound acts as a

barrier that prevents the binders from wetting out, making the gaskets easier to remove.

Additionally, Flange Free™ reduces the potential for residual particles to adversely affect the performance of replacement gaskets or to break loose, contaminate piping systems and impair the operation of downstream equipment, such as pumps and valves.

Visit www.flangefree.com for more information.

HOW IMPORTANT IS WATER TO YOUR PROCESS?

The human body is made up of 80% water...

I'm sure everyone knows by now how important water is to the human body. But have you ever stopped to think how important water is to your industrial processes?

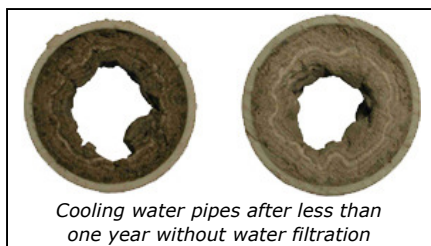
Dirty water can significantly reduce thermal efficiency, increase friction losses and induce erosion, foul pipes, plug nozzles, blind sensors, accelerate the wear of seals, and eventually cause unscheduled shutdowns which will cost your company money.

operate on line pressure alone. The self-cleaning process is triggered by a pressure differential and is accomplished in seconds without interrupting the main flow. The filters are compact in size and designed to meet a variety of different industrial applications.

Johnson Packings has been a distributor of TEKLEEN® filters for more than 10 years, installing filters in Power Generation, Pulp

& Paper, Waste Water, Hydro-Electric, and Food Processing Industries.

For more information, call us at 1-800-356-0061, or email us at jpsales@johnsonpackings.com.



Cooling water pipes after less than one year without water filtration

Water filtration is one of the fastest and easiest ways of solving these problems. TEKLEEN® Automatic Water Filters provide the ultimate solution where dirty water is a problem.

TEKLEEN® self-cleaning filters

SHUTDOWN SEASON... NO SWEAT!

Johnson Packings is ready to help you with your upcoming shutdown. We know how stressful a time this is for most companies, so we offer the following services:

- Valve, gasket, pump, and expansion joint surveys prior to your scheduled shutdown
- CAD/CAM digital gasket cutting for low volume, and quick order turnaround of even the most intricate gaskets
- Bar-coded shipping labels to expedite your receiving process and stay organized during the shutdown
- Same-day shipments



Talk to your Territory Manager early and often to plan your shutdown and save yourself time and money. We will work with you to ensure that the right product is ordered and delivered before your shutdown begins.