

News and Information on Innovative Sealing Technologies



JP NOW REPRESENTS Frenzelit IN THE NORTHEAST

A German company with 125 years of experience and a domestic manufacturing plant in Lexington, NC, Frenzelit has a broad product line, offering engineered solutions for a wide variety of industrial applications.

“We are extremely happy to be partnering with Frenzelit. This is a great relationship and our customers have already benefited from specific engineered products and on-site technical assistance for problematic applications,” said Brice Craven, President of Johnson Packings.

For additional information please contact a JP Customer Service Representative at 800-356-0061, or visit www.frenzelit.net.

PRODUCT SPOTLIGHT

GARLOCK MULTI-SWELL™ STYLE 3760

Garlock's new gasketing material, MULTI-SWELL, actually creates its own load when it comes into contact with oil or water. This virtually eliminates gasket failure since 70% failure is due to lack of load.

This revolutionary material does not degrade in contact with oils and adapts easily to all types of flange design, so it's ideal for a broad range of applications—all at a cost comparable to conventional gaskets.

Twice as soft as conventional gaskets, MULTI-SWELL is easy to cut and readily conformable even to irregular flanges, ensuring tight seals with lower loads. Since its crush strength is many times higher than a rubber gasket, it can be safely used in applications that would typically crush elastomeric gaskets.

Sealing Characteristics*

	ASTM F37B Fuel A	ASTM F37B Nitrogen
Gasket Load, psi (N/mm ²)	500 (3.5)	3000 (20.7)
Internal Pressure, psig (bar)	9.8 (0.7)	30 (2)
Leakage	0.15 mL/hr	0.2 mL/hr

* Values do not constitute specification Limits

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Garlock MULTI-SWELL™ Style 3760

TEKLEEN AUTOMATIC FILTERS SAVE TIME AND \$\$\$

Tekleen filters are self-cleaning and operate on line pressure alone. Water passes through the filter and the dirt particles are collected on the fine screen. The dirt collection process then activates a designed vacuum cleaning cycle, which aggressively removes the particulate from the fine screen. This all happens in less than 10 seconds, without losing the main flow.



Product Highlights

- Fully automatic- self cleaning mechanism
- No flow interruption during backwash
- Stainless steel construction @ carbon steel prices
- Filter is compact and will operate in any mounting configuration

For more information visit the Water Filtration tab on www.johnsonpackings.com

PRODUCT SPOTLIGHT

MAXSIL® SILICA TADPOLE TAPE



Maxsil® Silica Tadpole Tape with Silica Fiber Core

Manufactured from texturized amorphous silica filament yarn and woven into a strong but flexible form. Our Maxsil® Silica cover is not manufactured from fiberglass fabric or tape that has been leached to make it into silica. Instead, we

*Operating temperature range
up to 2000°F or 1100°C*

use a silica yarn that we texturize prior to weaving it into either a fabric and tape. This gives the textile added wear resistance which can be critical when being used as a high temperature gasket. These seals have a operating temperature range up to 2000°F or 1100°C.

JP AND TEKLEEN SAVE A MILL IN MAINE OVER \$17,000!

Application: Mechanical seal water, CLO2 plant. There are 19 pumps being serviced by one line for flush water. Seven of those pumps contain Titanium shafts and mechanical seals.

History: Constant replacement of mechanical seals was necessary due to poor quality flushing water in system.

Solution: Johnson Packings recommended the installation of a **Tekleen Filtration System**. This is an Automatic Self-Cleaning filter that operates via a differential in pressure. This filter provides the pulp mill with flush water filtered to 20 micron. This system maintains clean water for mechanical seals.

Results: Since the Tekleen filter has been installed. The pulp mill has not replaced one mechanical seal due to dirty water on this system.

Facts & Figures	Labor Rate:.....	\$28.50/hr
	Labor required replacing seal:.....	2 men, 4 hours
	Filter time in service:.....	18 months
	Average cost of seal.....	\$1,400.00
Previous	Replaced 21 seals over 36-mth period.....	\$816.66/mth
Costs:	Labor to change seals:.....	\$133.00/mth
Total Monthly Savings:		\$949.66/mth

JP OVERSTOCK

We have added a link to our website which shows our company's current overstock materials and products. The site will be updated from time to time with drops, centers, unused rollers, and general overstock at a discounted price. Visit www.johnsonpackings.com/overstock to view what is available.

Total Savings =
\$17,395.92