

Style 1965

Abrasive service packings are hard to cut, difficult to form into rings and even more difficult to install. The new Garlock Style 1965 compression packing combines excellent abrasion resistance with superb flexibility and easy handling. Style 1965 may be utilized across a broad range of applications, allowing inventories and cash flow to be optimized. Garlock's packing requires less flush water in service because of the product's improved thermal stability over conventional packing. Finally, Style 1965 lasts longer, reducing both costly downtime and sealing element expenditures.

Garlock's Style 1965 delivers improved operational profit through lower installation costs, lower inventory costs, more production time and increased water savings.



Specifications

Materials of Construction

LATTICE BRAID® fiber infused PTFE yarns* with Graphite (Patent #4,994,303) and SYNTHETPAK® yarns, PTFE dispersion and snow white petrolatum.

Temperature -450°F to +500°F (-270°C to +260°C)

pH Range 1-13

Shaft Speed 2500 fpm (12 m/s)
Rotary/Centrifugal

Pressure* 300 psi (20 Bar)

Value & Benefits

- Protects machinery's critical components from abrasive media
- Lowers maintenance and sealing element expenditures
- Product does not extrude and lasts longer in service
- Material flexibility and easy handling mean faster change-out times
- Non-contaminating components keep end product and pump area clean
- Shock Resistant withstanding cavitation, pressure surges and other system upsets
- Increased thermal stability conserves water

Ideal for

- General service
- Mining
- Pulp & Paper
- Water and waste water

U.S. Patent #4,994,303

Garlock
SEALING TECHNOLOGIES®

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Performance Comparison Annual Profit Impact

The proof is in the PROPHET®

A phosphate mining operation in the Southeast was experiencing packing failure due to inconsistent flush water supply to their pumps. As a result, their pump packing would run dry, become brittle and ultimately fail. Due to the remote location of the pumping stations and the abrasive nature of the service, these failures would typically result in a heavy maintenance bill.

The mine challenged Garlock to develop a product that was tough enough to handle the abrasives, run cooler during loss of flush, and reduce shaft sleeve wear and bearing failure associated with scorched and hardened packing.

We responded with Garlock Style 1965. This unique packing stands up to the toughest abrasive service and remains flexible under high temperatures. As a result of converting to Style 1965, the mines were able to cut their maintenance expenditure significantly.

	Traditional Practices	Garlock's Solution	Profits Gained
Associated Production Impact	\$0	\$0	\$0
Sealing Element Expenditures	\$195,000	\$65,000	\$130,000
Spare Part Expenditures	\$100,000	\$50,000	\$50,000
Maintenance Labor Costs	\$45,000	\$16,000	\$29,000
Annual Operational Impact	\$340,000	\$131,000	\$209,000

	Current	Proposed	Profit Gain
\$340,000			
\$209,000			
\$131,000			

AUTHORIZED REPRESENTATIVE

WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice. GARLOCK is a registered trademark for packings, seals, gaskets, and other products of Garlock. © Garlock Inc 2007. All rights reserved worldwide.



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