

# Garlock 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.

## 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 for 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 and Paper
- » Water and Wastewater

U.S. Patent #4,994,303

## SPECIFICATIONS

<b>Materials of Construction</b>	LATTICE BRAID® fiber infused PTFE yarns with graphite (Patent #4,994,303) and SYNTHETAK® yarns, PTFE dispersion and snow white petrolatum.
<b>Temperature</b>	-450°F (-270°C) to +500°F (+260°C)
<b>pH Range</b>	1-13
<b>Shaft Speed</b>	2,500 fpm (12 m/s) rotary/centrifugal
<b>Pressure</b>	300 psi (20 Bar)



**CASE STUDY**

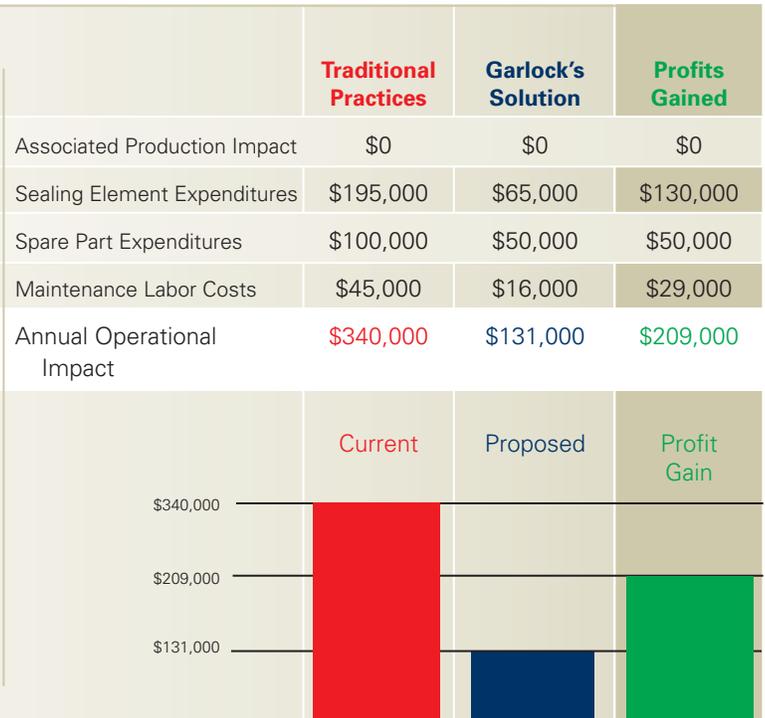
## Performance Comparison Annual Profit Impact

The proof is in the PROPHET®

A phosphate mining operation in the Southeast U.S. 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.



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