

Advancing the Science of Sealing™

WASTEWATER & WATER TREATMENT INDUSTRY

PRODUCT RECOMMENDATION GUIDE



Garlock
SEALING TECHNOLOGIES®

an EnPro Industries company

Product Recommendation Guide

Garlock experts in fluid sealing science have designed high-performance products for all areas of water and wastewater treatment, including:

- Municipal water and wastewater
- Industrial wastewater
- Off-shore wastewater
- Ultrapure water

Compression Packing

- 1812** Style 1812 abrasion-resistant fiber packing is non-scoring; economical for use in pumps handling raw sewage and sludge
- DSA** Style 8093, 8094 DSA dry-running, self-adjusting packing sets quickly dissipate heat for extended service in water transfer and chlorine pumps; Style 8094 excels in abrasive service
- 8921** Style 8921-K braided packing has KEVLAR* corners to withstand extremely abrasive media in influent and sludge pumps
- SPS** Stealth Packing Sets feature Style 1304 or 1333-G packing with gasket spacers to provide a leakage barrier, and ensure maintenance-free performance in high-pressure or abrasive service; top choice for influent and lift station pumps

Compressed Gasketing

- 3000** BLUE-GARD® 3000 gasketing, made from a unique blend of fibers, fillers and elastomeric binders, excels in general service applications
- 3510** GYLON® Style 3510 restructured PTFE gasketing exhibits minimal creep relaxation, withstands caustics and acids—and is listed on the Chlorine Institute's Pamphlet 95
- 9200** Style 9200 premium grade, cloth-inserted nitrile rubber sheet resists extrusion and wicking: ideal for flat face nonmetallic or brittle metallic flanges in wastewater service
- SS** STRESS SAVER® low-torque gasket ensures a superior seal in flat face nonmetallic flanges; available in various elastomers, it's perfect for chemical and ultrapure applications

Expansion Joints

- 206** Style 206 EZ-FLO® expansion joint with unique self-flushing arch minimizes turbulence and media buildup in sludge applications
- 8100** GARFLEX® 8100 expansion joint combines a nitrile tube for chemical resistance and a flowing arch design ideal for handling raw sewage

KLOZURE® Mechanical Seals

- GMP** GMP-I and II single and double cartridge seals fit all standard ANSI pumps; easy to install and repair on-site
- PSII** P/S®-II high-pressure multilip cartridge seal for non-abrasive, positive displacement and centrifugal pump applications; field repairable

KLOZURE® Oil Seals & Bearing Isolators

- 23** Model 23 split seal is easy to install and replace without equipment disassembly; over 300,000 stock nitrile sizes available in 24 hours
- 26** Model 26 seal has a rubber OD to prevent rust and exclude contaminants; reverse bevel lip design prevents lip rollover
- GDN** GUARDIAN™ metallic bearing isolator's internal PTFE ring prevents internal metal-to-metal contact; isolator installs without an arbor press, and has the highest tolerance for misalignment and axial motion
- ISO** ISO-GARD® bearing isolator's non-contacting, 2-piece design eliminates friction and shaft wear for longer equipment life; virtually maintenance-free even in challenging applications
- PSI** P/S®-I general purpose assembled seal is designed for high-pressure applications; GYLON® element offers excellent chemical resistance; dry running to 700 fpm (3.5 m/s)

Note: Additional information at www.klozure.com

Hydraulic Seals

- CVR** CHEVRON® vee ring packing has a multiple lip design that responds automatically to pressure changes and maintains a tight, reliable seal
- SPAK** SLUDGE-PAK® combination of braided packing, CHEVRON® vee rings and GARTHANE® U-seals offers excellent sealability and extended equipment life in Carter, Marlow and Comline Sanderson vertical sludge pumps

* KEVLAR is a registered trademark of DuPont.

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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.

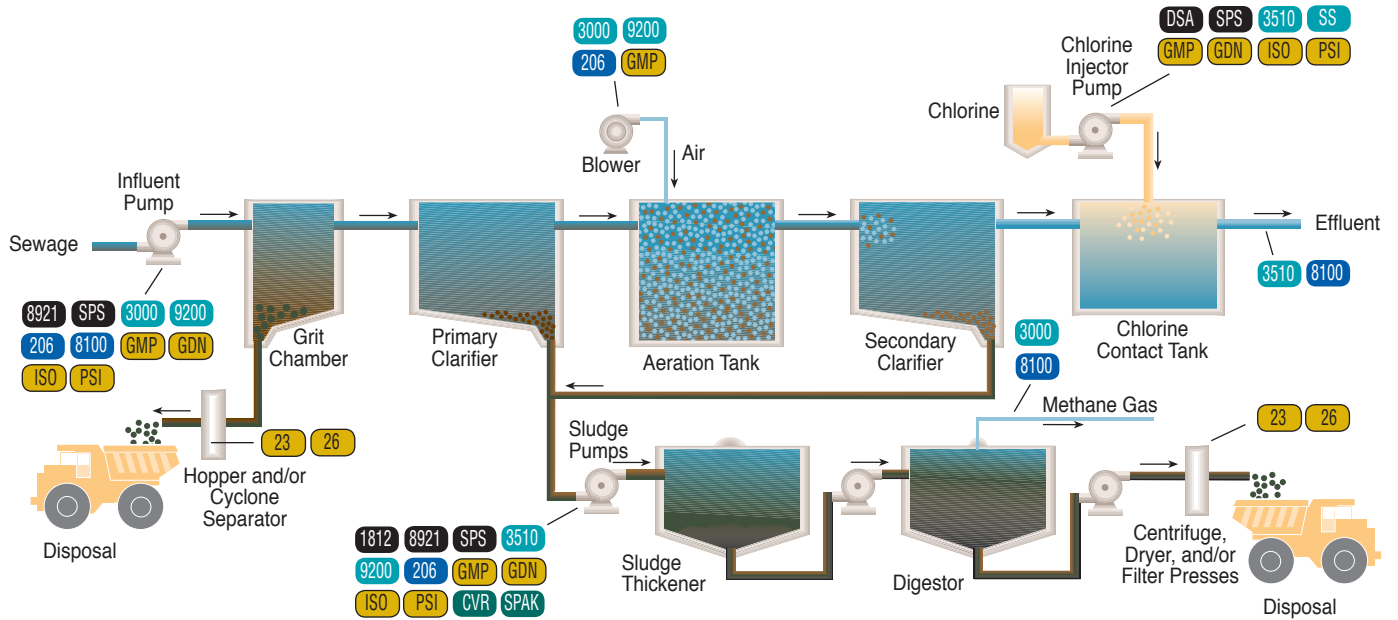
Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

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.

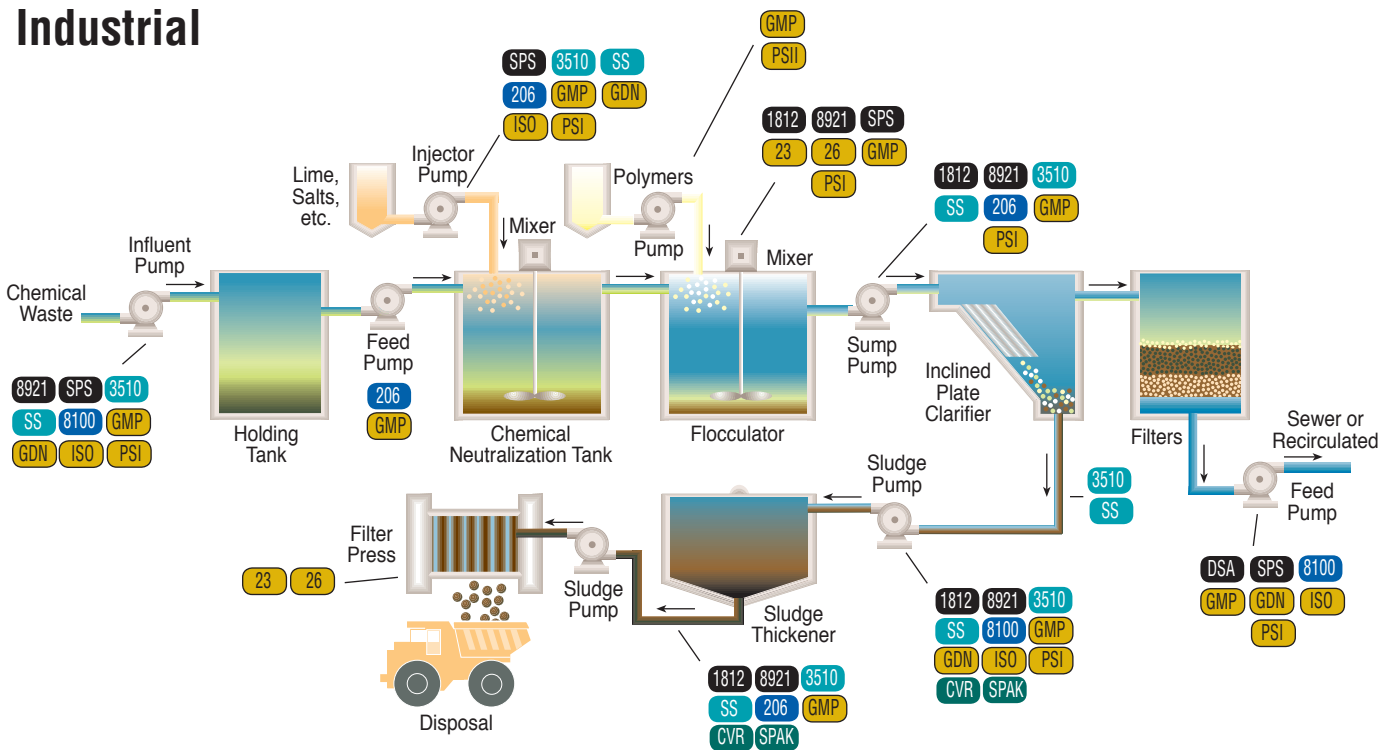
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Wastewater Treatment Plant (Typical)

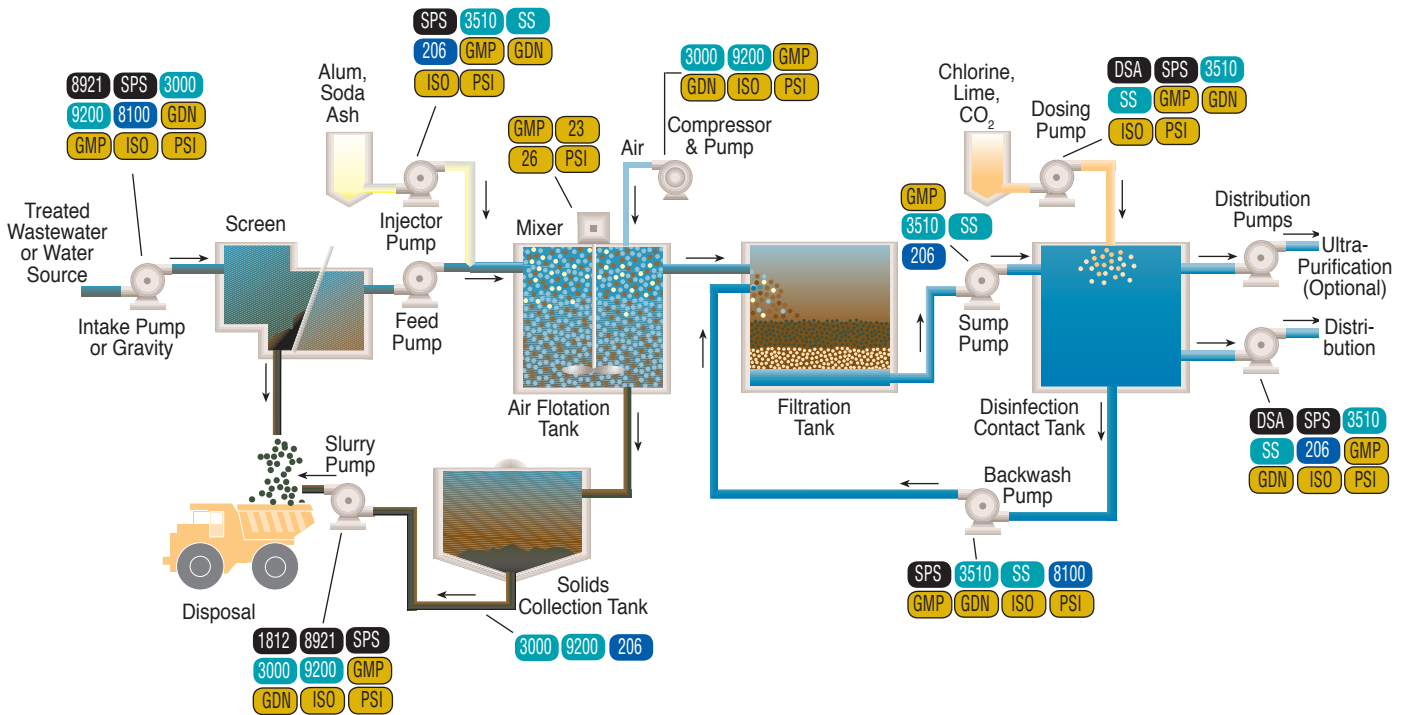
Municipal



Industrial



Water Treatment Plant (Typical)



AUTHORIZED REPRESENTATIVE

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