

The science of sealing™

WASTEWATER & WATER TREATMENT INDUSTRY

PRODUCT RECOMMENDATION GUIDE



Garlock
SEALING TECHNOLOGIES®

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:

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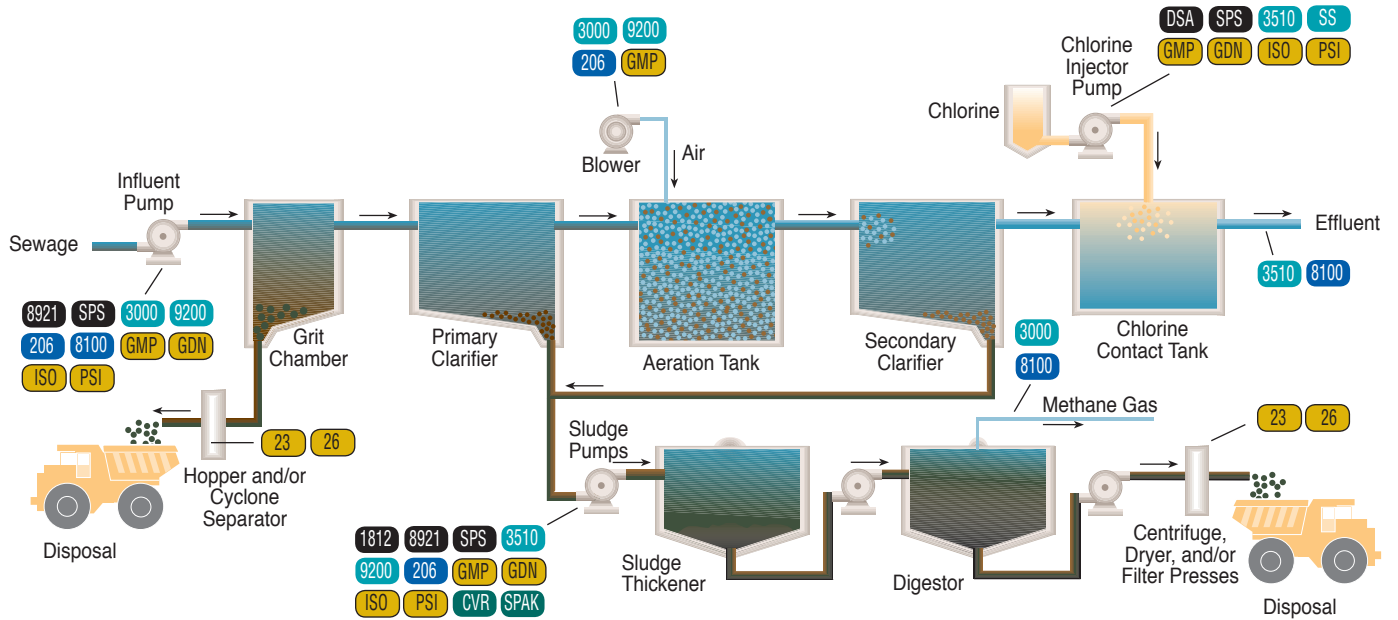
Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

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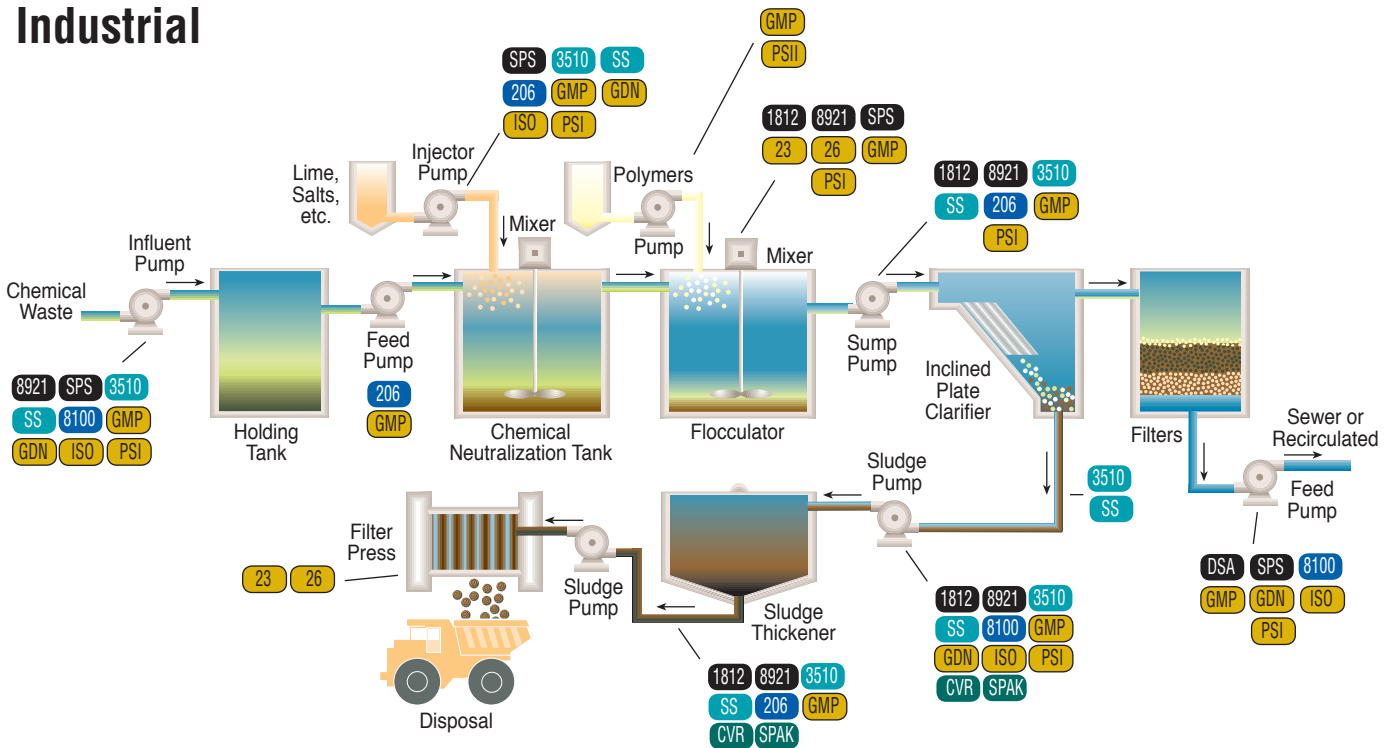
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Wastewater Treatment Plant (Typical)

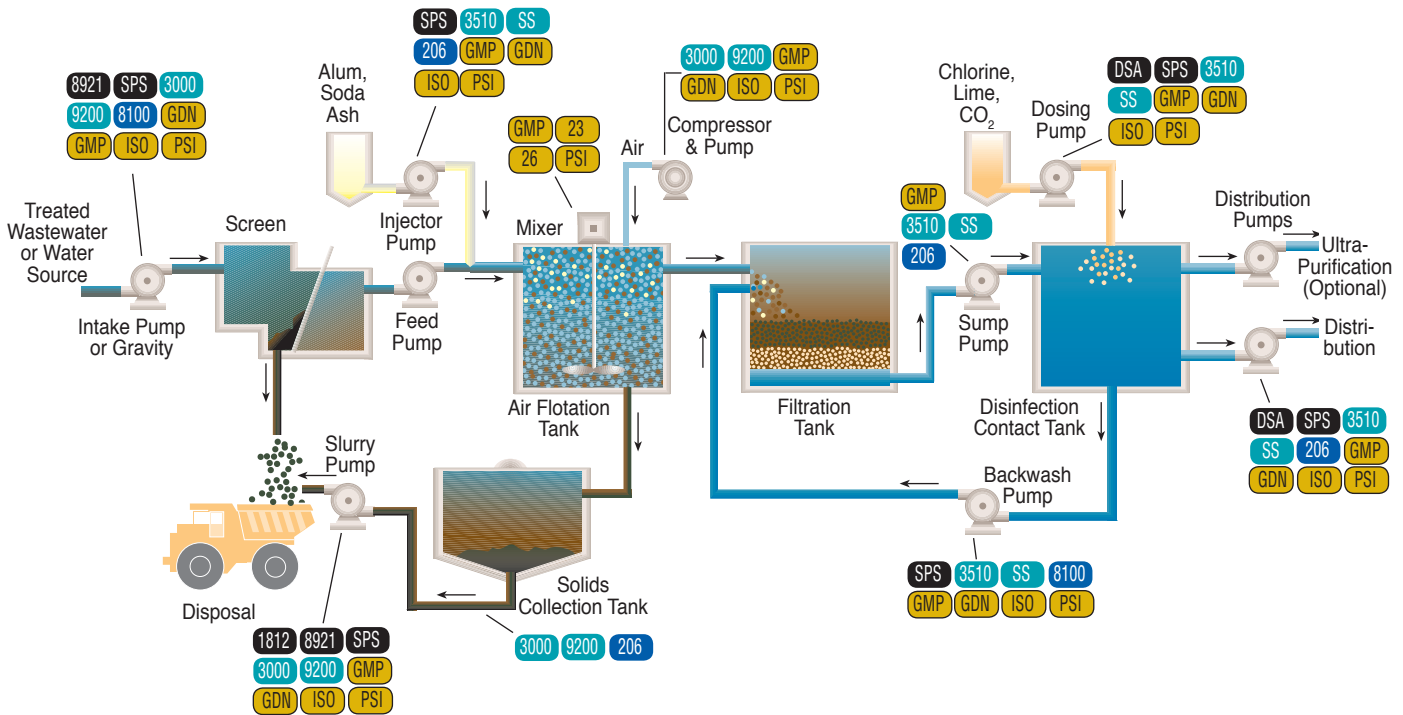
Municipal



Industrial



Water Treatment Plant (Typical)



AUTHORIZED REPRESENTATIVE



ISO 9001:2000
Cert. #001762

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