

Garlock Capability Statement

Garlock’s sealing products deliver safe, durable, and easy-to-maintain solutions, recognising the critical importance and regulatory requirements of desalination facilities. We provide engineered solutions to common challenges through consultation with project groups, contractors, engineering and design teams, and maintenance personnel. Our approach is holistic, addressing every aspect of the sealing process from initial design to final installation and maintenance.

Our expertise extends beyond product supply to include bolt torque recommendations, consultancy services, fitting procedures, and more. Our product range includes specialised gaskets, corrosion-resistant composite expansion joints, PTFE butterfly valves, flange isolation products, mechanical seals, and much more. Each product is designed with the specific needs of desalination plants in mind, ensuring that they can withstand the unique challenges posed by saltwater environments.

Garlock®

an EnPro Industries family of companies



Helping Industry Become ;

More
Safe

More
Productive

More
Sustainable



Our Capabilities

Garlock, established in 1887 by O.J. Garlock, boasts over 130 years of expertise in sealing science. As a multinational manufacturer, Garlock specialises in high-performance fluid seals and pipeline sealing solutions, prioritising safety, longevity, and productivity. We collaborate with customers, industry associations, and governmental entities to address sealing challenges with effective solutions that enhance plant operations, productivity, and safety.

Garlock LLC is a wholly-owned subsidiary of EnPro Industries Inc., which is listed on the New York Stock Exchange.

Global Presence

- 18 Global Operations
- Over 2,500 employees across 10 countries
- Over 120,000 high-performance sealing solutions
- Supporting 75 Countries

Garlock maintains advanced industrial sealing research and development facilities, leading the industry in materials development and product design.

Garlock Australia

Garlock aims to enhance industry safety, productivity, and sustainability through disciplined, energetic service and market-leading expertise. Our commitment to excellence ensures we consistently meet or exceed expectations, earning recognition as an exemplary supply partner.

Our Safety Pledge

“I pledge to personally be involved to create an injury-free workplace. My dedication to creating a safe workplace free of all injuries will be absolute and clear through my actions”

Australian Operations

Garlock operates three manufacturing outlets in Sydney (NSW), Perth (WA), and Gladstone (QLD), with warehousing capabilities and significant stock holdings. Our products are also available through distribution partners nationwide.

Head Office and Manufacturing Facility - Sydney (Arndell Park)

- Administration, IT, Engineering, Sales, Order Processing, Manufacturing, Warehouse, and Distribution

Gladstone QLD Branch

- Order Processing, Sales, Manufacturing, and Warehouse

Perth WA Branch

- Order Processing, Sales, Manufacturing, and Warehouse

Local Manufacturing Capabilities

- Standard Gaskets
- Water Jet Cutting
- Knife Cutting Machines
- Travelling Head Presses
- Clicker Presses
- Spiral Wound Gasket Winding Equipment
- Kammprofile Reconditioning
- Mechanical Seal Re-furnishment

Specialised Cutting Services

- Water Jet Cutting
- Atom Knife Cutting Machines
- Fabric Expansion Joint Manufacturing
- Split Oil Seal Manufacturing Equipment

Additional Equipment

- Lathes
- Lapping Machines
- Sewing Machines
- Vulcanizing Equipment
- General Engineering Support Equipment

Quality and Compliance

Garlock Pty Limited is a quality-endorsed company, adhering to the Australian Standard ISO-9001: 2015 “Quality Management System - Requirements.” This certification covers the manufacture and distribution of fluid and gas sealing materials and devices, including gasketing, compression packing, KLOZURE® Oil Seals, bearing isolators, expansion joints, hydraulic components, and industrial rubber products. Our accreditation was extended in February 2023 and is current.

Garlock can provide products to the highest international regulatory standards. Some examples include:

- | | |
|--------------------------|---------------------|
| - ANSI/ISO/ASQ 9001-2008 | - GE D50YP12 Rev. 2 |
| - 10CFR50 Appendix B | - MIL-DTL-24696C |
| - 10CFR21 Nuclear | - MIL-STR-508 |
| - NQA-1 Basic | - Chevron Emissions |
| - NUPIC certified | - Shell MESC 77/312 |
| - NIAC certified | - NSF 61 |
| - BAM | - CRN |
| - TA Luft | - ABS Certification |
| - USP Certification | - API 6FB |

Information Technology

Garlock utilises the PRONTO-Xi – 710 Enterprise Management System, compatible with SAP. Our IT department manages all electronic communications and includes a global IT-HUB located in Sydney.

Account Management Support

- Dedicated Key Managers with National Coverage
- Dedicated Contracts Manager
- Customer Managers trained by Garlock, offering extensive product knowledge and hands-on ability and technical support

Customer Managers provide:

- Management and Purchasing Support
- Technical Advice for Engineers, Fitters, and Mechanical Staff
- Transport and Packaging Information for Store Personnel
- Site Audits and Cost-Saving Initiatives
- Assistance with Product Trials and Specifications
- Support within Contracts/Agreements, driving KPIs and initiatives

Customer Service

- All purchase orders confirmed within 24 hours
- Fully trained Internal Sales Support Staff ready to process inquiries and orders
- E-Commerce capabilities with SAP compatibility
- Member of Quadrem, promoting transactional savings
- Same-day quoting and detailed drawings upon request
- Multiple delivery points accommodated by the PRONTO system
- Comprehensive website with tools and resources

Engineering Support

Garlock offers comprehensive engineering support with a global team of over 50 engineers. Services include plant and store surveys, inventory rationalisation, standardisation, reliability improvements, and cost-saving initiatives. We provide instructions for packing pumps, valves, and gasket installation, encouraging improved practices to maximise product service life and equipment reliability. Online training courses are available to enhance technical knowledge.

Safety in Design – Garlock engineers design products to go beyond compliance to ensure safety is behind everything we do.

Application**BOLTED FLANGE CONNECTIONS**

Piping arrays must transport high pressure, abrasive, high temperature and otherwise hazardous materials.

Recommended Products:

- **Metallic Gaskets:** FLEXSEAL® Spiral Wound Gaskets, Kammprofile Gaskets, Corrugated Metal Gaskets, Ring Type Joints
- **Non-Metallic Gasketing Products:** Compressed Sheet Gaskets, GYLON® PTFE Gaskets, GRAPH-LOCK® Graphite Gaskets

NON-METALLIC PIPE FLANGE CONNECTIONS

FRP or HDPE piping systems offer numerous benefits to a piping system but may require unique applications to seal.

Recommended Products:

- **Non-Metallic Gasketing Products:** Style 3760 MULTI-SWELL™, Rubber, STRESS SAVER® 370

PIPELINE ISOLATION

Garlock has a full range of isolation products to meet unique applications and demands and to reduce corrosion.

Recommended Products:

- **Isolation products:** PIKOTEK® and PSI Flange Insulating Kits, ElectroStop® Monolithic Isolation Joints

PIPING SYSTEMS

Proper layout, support systems and equipment are required to handle vibration, misalignment, and transitions.

Recommended Products:

- Expansion Joints: Style 204 Abrupt Arch, Style 206 EZ-FLO®, High Pressure and Full Vacuum Products, Chemical Resistant Products, Abrasion Resistant Products
- GAR-SEAL Butterfly Valve – PTFE Lined

TURBINES, DIESEL GENERATORS, HEAT EXCHANGERS

This equipment and associated piping have a number of pressure zones and may require connections with high performance and high compressive force.

Recommended Products:

- Metallic Gaskets: FLEXSEAL® Spiral Wound Gaskets, Kammprofile Gaskets, Corrugated Metal Gaskets, Ring Type Joints
- Non-Metallic Gasketing Products: Compressed Sheet Gaskets, GYLON® PTFE Gaskets, GRAPH-LOCK® Graphite Gaskets
- High Temperature Gaskets: THERMa-PUR™ Gaskets

Our Brands



Procurement

Garlock understands the complexities of large capital projects and will help to simplify the purchasing process Garlock offers the full range of sealing solutions to minimise contract administration costs.

<p>METALLIC GASKETS:</p> <ul style="list-style-type: none"> - Full temperature (-400 to1800F) and pressure range - FLEXSEAL® Spiral Wound Gaskets - Kammprofile Gaskets - Corrugated Metal Gaskets - Ring Type Joints 	<p>PTFE-LINED BUTTERFLY VALVES:</p> <ul style="list-style-type: none"> - GAR-SEAL Chemical or Abrasive Resistant Valves - STERILE-SEAL Valves - SAFETY-SEAL Valves
<p>NON-METALLIC GASKETING PRODUCTS:</p> <ul style="list-style-type: none"> - Compressed Sheet Gaskets - GYLON® PTFE Gaskets - GRAPH-LOCK® Graphite Gaskets - Rubber Gaskets 	<p>ISOLATION PRODUCTS:</p> <ul style="list-style-type: none"> - PIKOTEK® and PSI Flange Insulating Kits – VCS, VCS Fire-Safe, PGE - ElectroStop® Monolithic Isolation Joints - LINK-SEAL® Wall Penetration Seals
<p>EXPANSION JOINTS:</p> <ul style="list-style-type: none"> - Spool-type Expansion Joints – Abrupt arch, EZ-FLO®, Chemical- resistant, ABRA-LINE abrasion resistant - Flue Duct Type Expansion Joints 	<p>OTHER FLUID SEALING PRODUCTS:</p> <ul style="list-style-type: none"> - KLOZURE® Oil Seals - KLOZURE® Bearing Isolators - KLOZURE® Mechanical Seals - Compression Packing - Hydraulic Components - Diaphragms for Pumps and Valves - Custom Molded Rubber Products



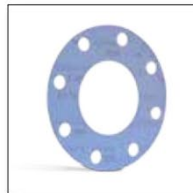
*FLEXSEAL® SWI
Spiral Wound Gasket*



*Kammprofile
Gaskets*



*BLUE-GARD® 3000
Compressed Sheet*



*GYLON® Style 3504
PTFE Gasket*



*Style 204
Expansion Joints*



*GAR-SEAL
Butterfly Valves*



*VCFS Fire-Safe Flange
Isolation Kit*



*ElectroStop® Monolithic
Isolation Joint*



*LINK-SEAL® Wall
Penetration Seals*



*KLOZURE®
Dynamic Seals*

Order Processing and Lead Times

- Stock availability and delivery requirements checked upon receipt of purchase orders
- Proposals for new delivery dates or alternatives if initial requirements cannot be met
- Dispatched within 24 hours for agreed stocked products
- Local manufactured products dispatched within 1-2 working days
- Non-stocked items – Lead time advised at point of quote

Service Levels and Logistics Optimisation

Garlock seeks to optimise logistics flows, including scheduled orders and shutdowns. We aim to understand requirements to meet service expectations and supply field operations effectively.

Training

Garlock provides up-skilling and technical support, including product identification, installation procedures, failure/root cause analysis, hands-on experience, and environmental and safety awareness. Detailed training packages are available on our website.

Reporting and KPIs

Garlock's enterprise management system reports on agreed KPIs, such as DIFOT, order status, pricing, invoicing, and engineering improvements. Regular reports on inventory movements, vendor-held stock levels, and slow-moving stock are provided. Value-added cost savings and KPIs are documented to measure relationship effectiveness.

Support Team Meetings

Regular contract review meetings with designated Account Managers and Executive Management address contract performance, improvement initiatives, cost-saving initiatives, dispute resolution, and corrective actions. We encourage formalising a plan to capture and record performance and rewards.

Packing, Marking, and Shipping

Garlock complies with customer requirements as an existing supplier where all deliveries are marked specifically to our customer needs and shipped accordingly. Nominated freight is accommodated to meet customer demand and expectations. Additional freight services are available on request where charges for deliveries outside specified locations may apply. Inter-branch transfers and special services are available if required.

Commercial in Confidence

www.garlock.com.au