



YOUR TRUSTED GLOBAL PARTNER

sealing. fluid control & monitoring.



KLINGER AUSTRALIA

a global leader in innovation

KLINGER Australia forms an integral part of the globally active KLINGER Group; a family business established in 1886 by Austrian engineer Richard Klinger.

A success story based on innovation, reliability and dedication to quality, the KLINGER Group remains at the forefront of the sealing, fluid control and fluid monitoring industries through investment in continuous research and development.

Our long history of inventing market leading technology and commitment to continuous growth and improvement has enabled the formation of an extensive worldwide distribution network with representation in over 60 countries.

KLINGER Australia combines the strength of international research and development with the advantage of offering manufacturing flexibility, technical expertise and support. Our local manufacturing facilities make it possible to respond quickly and deliver standard and custom-made products to clients located across Asia Pacific and beyond.

We offer tailored solutions for a wide range of industries including oil and gas, mining, petrochemical, energy and hydrogen, pharmaceutical, chemical and more. Our decade-spanning know how has built our long-standing customer base of local and multi-national EPCs, integrators and operators.

TRUSTED FOR QUALITY

sealing. fluid control and monitoring.

Our range of quality products is extensive and includes metallic and soft-cut gaskets, valves, instrumentation and level gauges, compression packings, expansion joints and metal hoses. If there's a sealing or fluid control product required beyond the scope of our existing range, we can source it.

Our specialist Project Team is dedicated to providing the best service possible to large-scale EPC business by offering a holistic product sourcing and buying experience for new construction projects. With a strong, global reputation built from years of experience, our team can expertly manage all aspects of international enquiries, from initial bidding through to final product delivery.

We have a long history of providing leak prevention and remediation solutions through our Integrity Services division. Our best-in-class emission monitoring and asset integrity solutions including LDAR help clients improve facility performance and achieve regulatory compliance. In addition, we undertake on-site installation and remediation services such as inspections, machining, hydraulic bolting, and valve re-packing to ensure leak-free start-up during construction or maintenance programs.

Our extensive range of quality products, the robust capabilities of our project, technical and service teams, our innovative technology and responsive, local manufacturing facilities make us the preferred global supplier across our region.



facts about the KLINGER Group

tailored solutions across multiple industries



2,400
employees

2,400 employees work for the KLINGER Group worldwide.

€ 520
million
annual sales*

520 million euros in annual sales* are generated by the KLINGER Group per year.
*unconsolidated



80
countries of the world to which the Group has already exported.

18
Production Sites

for seals, valves, instrumentation, expansion joints and hoses.



60
countries worldwide hosting subsidiaries or a representative of the KLINGER Group.



OIL & GAS



MANUFACTURING



MINING



CHEMICAL



ENERGY



INFRASTRUCTURE



TRANSPORT



PULP & PAPER



PHARMA



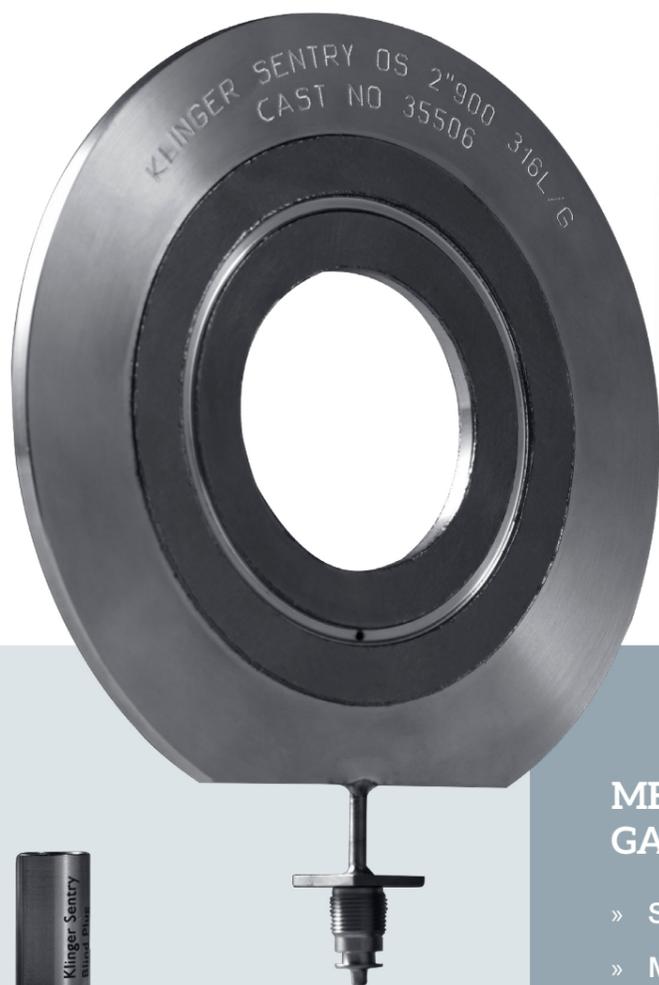
FOOD & BEVERAGE

SEMI-METALLIC AND METALLIC GASKETS

KLINGER's product portfolio of gaskets remain at the forefront of sealing technologies. Product development, innovation and problem-solving abilities have always been the pillars of our operating philosophy. Gaskets manufactured directly by KLINGER or from KLINGER® materials are found wherever fluid or gas is safely contained in pipelines and vessels.

With local manufacturing facilities, we remain responsive to our customers with the timely production of metallic and semi-metallic gaskets in a vast range of alloys that cover even the most chemically aggressive applications.

SENTRY GASKET



SPIRAL WOUND GASKET

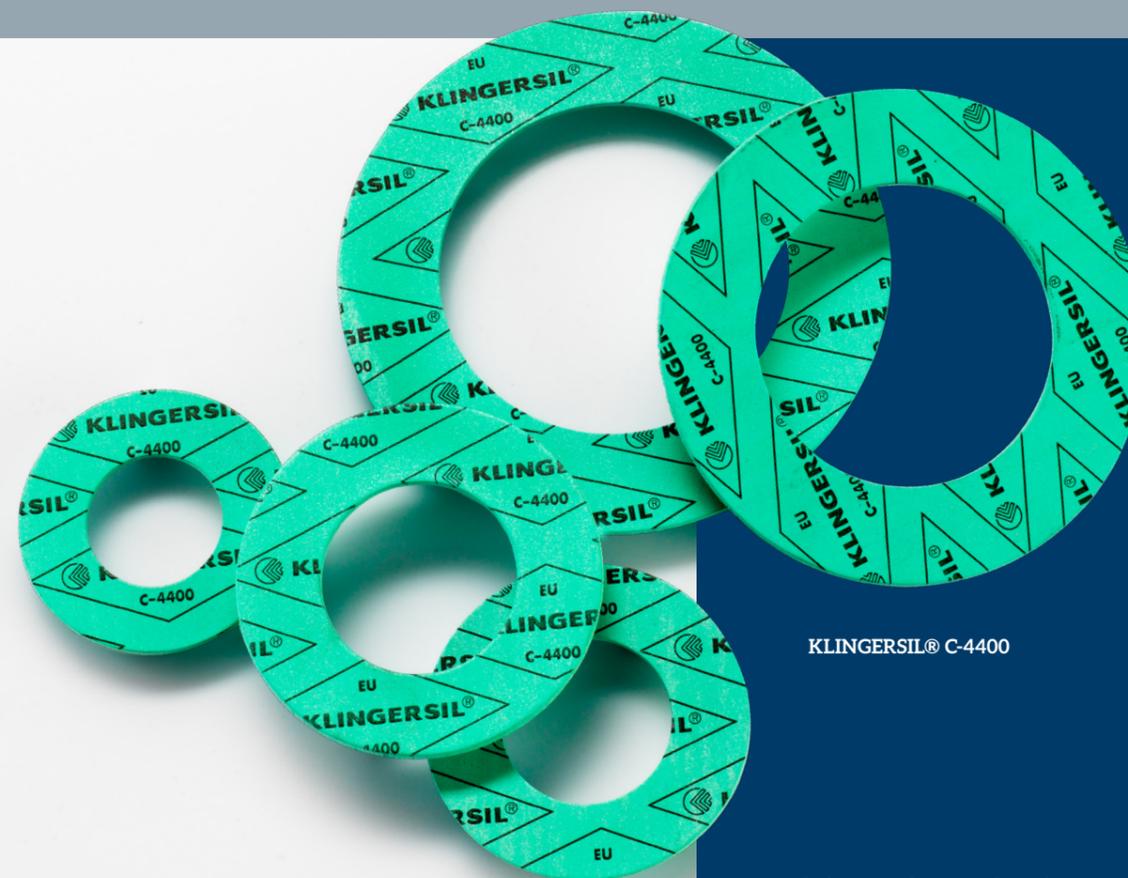
METALLIC & SEMI-METALLIC GASKET RANGE

- » Spiral Wound Gasket
- » Maxiprofile Kammprofile Gasket
- » Ring Type Joints (RTJs)
- » Metal Jacketed Gaskets
- » Corrugated Graphite Gasket
- » Sentry Reverse Integrity Gaskets:
 - Sentry Maxiprofile Dual Seal
 - Sentry RTJ (Ring Type Joint)
 - Sentry IK (Insulation Kit)

SHEET MATERIAL AND SOFT-CUT GASKETS

From the revolutionary development of the compressed fibre gasket to the advanced sealing material technology of today, our industry leading portfolio covers the most complete range of industrial jointing material.

KLINGER applies its patented anti-stick finish to the majority of the grades of its sheet material, giving customers the assurance that gaskets will not result in flange corrosion or adhere to the flange face. Full face and ring gaskets can be manufactured to suit standard flanges or special profiles, available either off-the-shelf for common materials or produced on demand with quick turnarounds.



KLINGERSIL® C-4400

SOFT-CUT GASKET RANGE

- » KLINGERSil fibre-reinforced
- » PTFE, filled, modified and virgin - top-chem, soft-chem
- » Graphite sheets and laminates
- » Cork
- » KLINGER statite
- » KLINGERlastic rubbers



COMPRESSED FIBRE RANGE

INDUSTRIAL VALVES

KLINGER is your partner for the development, manufacture and sale of high quality industrial valves, used every day in a wide range of fields – from district heating to LNG, through to the chemical and oil & gas industry. Our industrial valve products are ‘trusted worldwide’ as a result of their high reliability, long life cycle and extremely low total cost of ownership. Our valve specialists recommend, source and deliver all types

including pneumatic, electric or hydraulic actuated packages and control valves, providing a complete valve package service. We provide competitive pricing for KLINGER valves and those made by other reputable valve manufacturers, to suit standard requirements or to solve customised, complex applications.

KLINGER® BALLOSTAR KHA



POPULAR VALVES

- » KLINGER butterfly valves– double offset, triple offset & cryogenic
- » KLINGER piston valves
- » Control valves
- » Actuators
- » Ball valves
- » Gate, globe and check valves
- » Specialty valves



KLINGER PISTON VALVE

INSTRUMENTATION

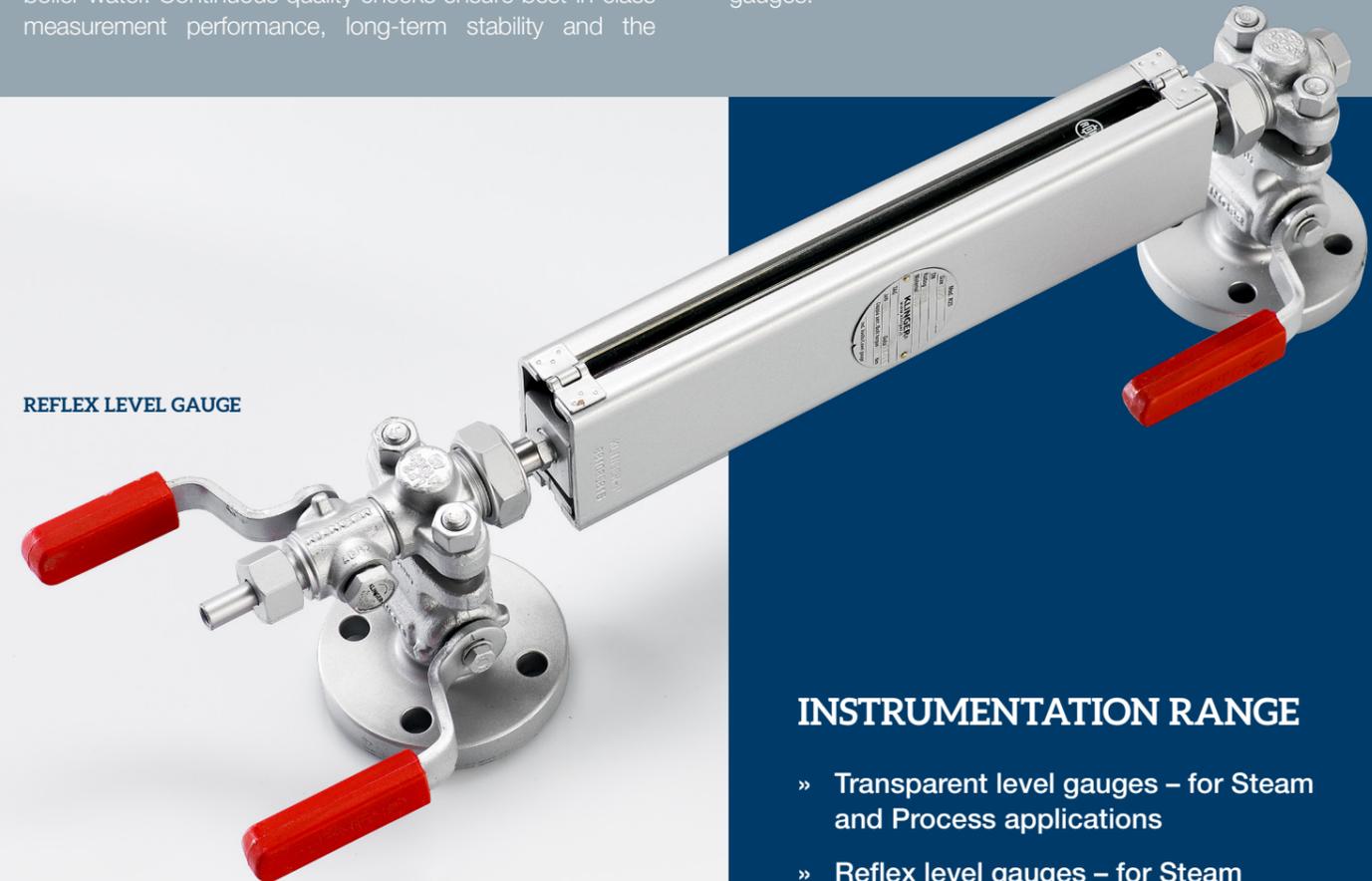
KLINGER level gauges, originally invented by Richard Klinger more than 130 years ago, still serve to reliably indicate the liquid level in boilers and vessels today.

Throughout the world, our fluid monitoring products are preferred by process operators, engineering contractors and OEM's due to their excellent mechanical strength and outstanding durability across alkaline, acid solutions and even boiler water. Continuous quality checks ensure best-in-class measurement performance, long-term stability and the

resource-conserving properties that have made this product range ‘trusted worldwide’.

Liquid level gauges feature extra tough KLINGER borosilicate sight glass within the level gauge body. An observation slot in the cover plate allows for clear viewing of the liquid level. For applications that involve hazardous and toxic liquids or gases, operators around the world rely on KLINGER magnetic level gauges.

REFLEX LEVEL GAUGE



INSTRUMENTATION RANGE

- » Transparent level gauges – for Steam and Process applications
- » Reflex level gauges – for Steam and Process applications
- » Bi-colour level gauges
- » Magnetic level gauges
- » Shut-off fittings
- » Borosilicate gauge glasses
- » Glass level gauge accessories
- » AB Cocks



TRANSPARENT LEVEL GAUGE

OTHER KLINGER PRODUCTS

KLINGER offers a high-quality portfolio of expansion joints and various types of metal hoses, compression packings, spray shields and insulating gasket sets. Our comprehensive range of packings for centrifugal or reciprocating pumps and valves meet, and in most cases exceed the stringent fugitive emission targets set by various environmental bodies such as

the EPA. Understanding the diverse requirements of operators around the world, our range includes standard designs as well as products specifically tailored to meet customer and industry-specific needs.



PUMP AND VALVE COMPRESSION PACKING

- » Graphite/Carbon
- » PTFE
- » Synthetic Fiber and Natural Fiber
- » Hybrid
- » Packryt® Bearing Systems
- » Die-formed Graphite Rings and Pressure Seals

EXPANSION JOINTS

- » Metal Expansion Joints
- » Rubber Expansion Joints
- » Fabric Expansion Joints



SPRAY SHIELDS & PROTECTORS

- » Fabric Spray Shields
- » Metal Spray Shield and Flange Protectors
- » Flange Protectors



METAL AND RUBBER HOSES

- » Flexible braided and unbraided metal hoses
- » Boiler hoses
- » Heat exchanger coils
- » Hoses specifically designed for solar applications
- » HT Composite pre-insulated hoses
- » Hoses specifically designed for district heating applications



INSULATING GASKETS AND MONOLITHIC ISOLATION SYSTEMS

Insulating sets are designed to afford maximum protection against galvanic corrosion or used to electrically isolate joints. We supply and manufacture a vast range of insulating sets with standard styles available to suit raised face, flat face and ring grooved flanges. Monolithic isolation joints are a superior assembly that delivers the effectiveness of a cathodic protection system (CP system). Preassembled at our factory, these joints are ready for welding into the pipe-line on site.



INTEGRITY SERVICES

reduce emissions and improve facility performance

KLINGER Atmeco is the leading service provider of end-to-end emission management and asset integrity assessment solutions. For 20 years we have worked in many facilities, continuing contracts with long-standing local and multi-national clients in the energy, oil and gas, resource, chemical and processing sectors.

With an initial focus on providing environmental regulatory reporting by implementing leak detection programs and estimating reportable emissions, we have broadened our services to provide a holistic approach to managing and improving the integrity of operating facilities.

Our key drivers are to optimise plant integrity, process safety, employee safety and assist our clients to achieve environmental compliance.

We have robust quality assurance, HSE and governance processes in place, backed by powerful proprietary software (CIMS) that gives our clients real-time access to information. Our Component Integrity Management System (CIMS) underpins our solutions by providing a high security, client-

specific, web-based platform for the capture, reporting and management of all data collected and analysed on behalf of clients for services rendered. This essential management tool allows an organisations' key individuals such as management, operations and maintenance people to remain fully informed of a facility's performance status, providing valuable data for decision making.

Our experienced team of regulatory experts, project managers, engineers, technicians, and quality analysts enable us to deliver flexible deployments and individualised solutions for each customer, regardless of a facility's size or complexity. We stay on top of emerging technologies, evaluating the effectiveness of new tools and finding ways to deliver value through solutions that produce tangible benefits in the form of reduced costs, greater efficiency and shorter timelines.

The strength of our systems, technology and people along with our satisfied long-standing clients have contributed towards achieving impressive organic growth, extending our services beyond Australia to New Zealand, Asia, South Africa and the Middle East.

DEDICATED PROJECT MANAGEMENT TEAM

trusted expertise for worldwide projects

Our specialist Project Management Team is dedicated to providing the best service possible to the worldwide engineering and construction industry. Our strong, global reputation is built from years of experience in manufacturing and supplying quality sealing, fluid control and monitoring products for the domestic and international oil and gas, petrochemical and mineral processing industries.

We continuously invest in plant infrastructure and IoT technology to maintain a high manufacturing capacity. Our commitment to producing top quality components is evident through our ISO 9001 accreditations. These manufacturing capabilities enable us to meet the high demands of large-scale EPC business.

Along with superior product technology, our highly experienced engineers, product specialists, operators and professional after-sales service each contribute towards

our success. Our technical expertise is unrivalled, with gasket, valve and instrumentation product specialists on hand to offer advice and recommend the most advanced solutions to meet EPC and project requirements.

The Project Management Team manage all aspects of international contractor enquiries, from initial front end engineering design (FEED) through to final project construction and commissioning. Our team can assist with technical review, material selection, budgetary pricing, scheduling, package tendering, documentation, certification, site training, after sales and set up of local manufacturer or agent services for future supply if required.

We have world-wide experience in the supply of equipment to new and expanding projects, with KLINGER sealing, fluid control and fluid monitoring technology currently in operation across the globe.

OUR INTEGRATED SOLUTIONS



EMISSION MANAGEMENT

- » Leak Detection & Repair LDAR Programs
- » Dispersed Source Emissions Survey



ASSET INTEGRITY

- » Passing Valve Survey
- » Steam Trap Survey
- » Compressed Air Integrity Survey
- » Insulation Containment Survey
- » Leak Risk Integrity Survey



PROJECT SUPPORT

- » Shutdown Remedial Support
- » Leak Remedial Advisory



DATA MANAGEMENT & REPORTING

- » CIMS Database
- » Joint Management Database
- » Insulation Containment Database

ANCILLARY SERVICES

SHUTDOWN SERVICE

An inoperative plant does not generate profit. Fully embracing this fact, KLINGER's on-site shutdown service places all the necessary components for a successful shutdown directly on the premises of the plant, enabling a quick response to all eventualities. Features of our shutdown service include mobile services, a production support station, a customized consignment warehouse with all the standard pipe gaskets as well as a fully equipped machine park.

Provision of a customised stock range, complemented by soft plotter-produced gasket materials, grooved and corrugated gaskets as well as gland packings ensures the required sealing inventory are immediately available when required. Metal and soft material gasket refurbishing, screw and bolt expansions, blind gaskets as well as screw and bolt cleaning are just a few of the valuable services provided by our experienced service team.

PRODUCT TESTING SERVICE

Our purpose-built testing facilities allow the assessment of gasket performance under a wide range of conditions likely to be encountered in various industries. This is especially valuable in selecting gaskets for new applications to ensure complete safety and reliability.

Our testing capabilities range from 1" to 24" flanges in a variety of pressure classes. We are also able to carry out specific custom design tests, providing the most comprehensive testing services in the world.

TECHNICAL SUPPORT

valuable resources for every customer

TECHNICAL SUPPORT TEAM

KLINGER is committed to providing the highest levels of technical support to all our customers. We offer practical advice and if necessary, on-site assistance to assist with the selection and fitting of our products.

» Gasket Selection

Selecting the right gasket material is critical to the effective operation of a reliable joint. KLINGER offers a material selection and application appraisal service to ensure the correct gasket is used first time, to avoid unscheduled shutdowns and refits.

» Torque Calculations

Insufficient or excessive loads are among the most common factors contributing to joint leakage. The technical services department can provide detailed calculations with explanations of why optimum gasket stress is so important in successful gasket installation.

TAILOR-MADE PRODUCT TRAINING

As a manufacturer, we have in-depth knowledge of our products and we are happy to share this with our customers. Product training sessions can help customers improve the efficiency and safety of product installation and are tailored around each facility and respective industry needs.

Numerous staff from engineers to equipment fitters will benefit from the practical sessions that cover: product selection throughout the production process, application and installation guides, product storage and maintenance recommendations (where applicable).

Visit our website to schedule or find out more about product training sessions.

E-COMMERCE

The long-term relationships that we have maintained with suppliers, partners and customers is in part due to our flexibility in meeting their e-commerce requirements.

As an established supplier, we integrate with multiple E-Procurement or source to pay networks. Our ability to offer customised e-commerce solutions provides additional benefits and significant time and resultant cost savings for our customers.



FREE ONLINE TOOLS

Handy resources, available anytime

Material Finder

This tool allows convenient access to a smoother selection of soft-cut gasket materials based on technical requirements. Easily select the right soft gasket material for any need based on criteria including medium, temperature, pressure, certificates and tightness performance.

[Go to Material Finder](#)

KLINGER Expert Gasket Selection

Designed primarily with the needs of the on-site technician in mind, this versatile calculation and gasket selection software app can assist you with designing gasket assemblies, identifying the best gasket material for the specific application, chemical and temperature suitability, calculation of bolt torque requirements, product approvals, certificates and more.

[Go to KLINGER Expert](#)



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