KLINGER India

KLINGER Power Generation

» Ash Handling
» Flue Gas to Stack
» Dry / Super-Heated Steam
» Wet / Saturated Steam
» Induced / Forced Air
» Water Treatment
» Gas / Air Lines
» Fuel / Oil
» Cooling Water
» Boiler Feed Water






GLOBAL LEADER | LOCAL PARTNER

KLINGER Power Generation - Select the correct product for the application.

VALVES - OUR RECOMMENDED RANGE

GGC - STANDARD GATE, GLOBE AND CHECK

KLINGER stock a wide variety of standard gate, globe and check valves.

SLURRY KNIFE GATE

A slurry Knife Gate valve is a component that utilizes a blade to cut through clogging or heavy slurries. Ideal for ash handling applications.

BUTTERFLY VALVE

Butterfly valves are used where space is limited. The pressure loss through a butterfly valve is small in comparison with the gate valve. Ideal for cooling water applications.

PLUG VALVE

Plug valves are valves with cylindrical or conically tapered "plugs" which can be rotated to control flow through the valve.

STEAM TRAPS

Steam traps are a type of sensory valve that eliminates condensate and non-condensable gases such as air from the system without allowing steam to escape.

LEVEL EQUIPMENT & GLASSES

KLINGER manufactures a wide variety of level equipment including sight glasses, level gauges, magnetic level gauges and associated products. These can be manufactured to customer specification.

CONTROL COMPONENTS

KLINGER stock a wide range of control components including actuators, pneumatic semi-smart and smart positioners, solenoid valves and magnetic, micro and proximity switch boxes.

SAFETY EQUIPMENT

Safety devices are critical aspects of any fluid or gas system, used to prevent damage to industrial plant and equipment. KLINGER stock a full range of pressure safety valves and bursting discs.

deltasteamsystems · AIR TORQUE · BONNEY FORGE · dynadon SDD · ORBINOX · KLINGER trusted. worldwide. · CRANE · VYC industrial · FluoroSeal · YDF



KLINGERSIL C4324
An economical sealing material for use in general industrial applications. Resistant to oils, fuels, hydrocarbons, low pressure steam and water.



KLINGERSIL C4400
A high quality, general purpose sealing material for use in many industrial applications. Excellent fluid swell and gas permeability properties. Suitable for use in vacuum applications.



FLANGE INSULATION SETS
Provide an effective seal and electrical isolation of flanges and equipment, to prevent galvanic corrosion and aid in the cathodic protection of the piping system.



KLINGER STYLE K10
Style K10 is a high quality economy grade packing manufactured from a combination of glass and acrylic yarns, cross braided and impregnated with PTFE lubricant. KLINGER style K10 is an excellent general purpose packing. Ideally suitable for pumps, valve stem & reciprocating applications.



ULTRA CLAMPS
Permanent stainless steel pipe repair clamps.



KLINGER MAXIFLEX GASKETS
A gasket with excellent high pressure, temperature and chemical resistance, used in critical service. Very tolerant of cyclic applications and misaligned flanges.



KLINGERSIL C4430
A sealing material with high temperature resistance in steam, oils, fuels, hydrocarbons and other chemicals. Suitable for potable water.



KLINGER STYLE K54
An excellent PTFE packing for plant wide use especially when a clean, non-contaminating packing is required with a very high degree of chemical resistance. Can be used in virtually all media including strong acids and alkalis. Suitable for use in oxygen service up to 20 Bar pressure in valves. The ideal packing for use as tanker lid seals.



KLINGER PRESSURE SEAL AND DIE-FORMED GRAPHITE RINGS
Offer a leak free sealing solution for high performance valve applications which require high pressure and temperature resistance.



KLINGER MAXIFLEX GASKETS
A gasket with excellent high pressure, temperature and chemical resistance, used in critical service. Very tolerant of cyclic applications and misaligned flanges.



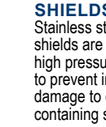
STAINLESS STEEL BELLOWS
Metal expansion joints consist of a flexible bellow element with end fittings such as flanges or butt welds to allow for connection to the adjacent piping or equipment.



KLINGER STYLE K3222
A cross braided expanded graphite packing. Style K3222 forms a solid graphite bush within the stuffing box creating a high-pressure low emission seal. Ideal for use in high pressure steam applications. K3222 is available as K3222W and K3222K with wire reinforcing for use in high pressure valves.



KLINGER STYLE K466M
A universal packing for centrifugal pumps, boiler feed water pumps, valves in high pressure and temperature applications. Wear resistant and gentle on pump shafts, sleeves and valve stems. The excellent heat transfer capabilities of carbon yarns along with the lubricant used makes this packing ideal for power generation plants.



STAINLESS STEEL SPRAY SHIELDS
Stainless steel spray shields are designed, for high pressure systems, to prevent injuries and damage to equipment by containing sprays resulting from leaks.



INSULATION JACKETS
Are used in a variety of applications where energy saving and temperature maintenance control is required.



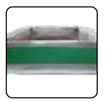
KLINGERSIL C4324
An economical sealing material for use in general industrial applications. Resistance to oils, fuels, hydrocarbons, low pressure steam and water.



KLINGER MILAM PSS
An asbestos-free sealing material with tanged or pegged 316 stainless steel reinforced Mica. Outstanding thermal stability at temperatures of 900˚C.



SEALEX® JOINT SEALANT
Specially processed, 100% pure PTFE on a roll, provides soft, highly compressible gasket for longer life and trouble-free sealing.



FABRIC EXPANSION JOINTS
Fabric expansion joints are flexible connectors designed to provide stress relief and seal gaseous media in ducting systems.



KLINGERSIL C4400 - A high quality, general purpose sealing material for use in many industrial applications.
Excellent fluid swell and gas permeability properties. Suitable for use in vacuum applications.



KLINGER STYLE K54 - An excellent PTFE packing for plant wide use especially when a clean, non-contaminating packing is required with a very high degree of chemical resistance.
Can be used in virtually all media including strong acids and alkalis. Suitable for use in oxygen service up to 20 Bar pressure in valves. The ideal packing for use as tanker lid seals.



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A gasket with excellent high pressure, temperature and chemical resistance, used in critical service. Very tolerant of cyclic applications and misaligned flanges.



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STYLE 396C – The most effectively designed wire reinforced graphite product on the market today for the sealing of fugitive fuel emissions.
Style 396C meets or exceeds all requirements of A.P.I.589 and 607 tests as well as A.P.I. fire test for soft-seated quarter-turn valves.

KLINGER STYLE K466M –
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SAFETY SPRAY SHIELDS
Fabric spray shields are designed to prevent injuries and damage to equipment by containing sprays resulting from leaks.



KLINGER TOPCHEM 2003
A chemically resistant sealing material for strong acid and alkali applications with medium to low mechanical requirements at medium to low temperatures. Ideal for worn or damaged flanges.



KLINGER TOPCHEM 2005
A chemically resistant sealing material for strong acid applications with high mechanical and temperature requirements. Ideal for use in aggressive chemicals and in the demineralising of boiler feed water.

FLANGE INSULATION SETS
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PTFE BELLOWS - Our PTFE bellow range are used to compensate for thermal expansion in pipelines, for the protection of PTFE lined and other fragile pipework.

PTFE LINED PIPE - Combines the chemical resistance of PTFE with the pressure carrying capabilities of mild steel or stainless steel pipes.
Liners provide for the safe handling of corrosive fluids.

KLINGERSIL C4430
A sealing material with high temperature resistance in steam, oils, fuels, hydrocarbons and other chemicals. Suitable for potable water.

CHEVRON SETS
Effective sealing of Soot blowers is of the utmost importance. KLINGER manufacture and supply an effective mechanical packing arrangements that will reduce maintenance and ensure a safe operation.

KLINGER MAXIFLEX GASKETS
A gasket with excellent high pressure, temperature and chemical resistance, used in critical service. Very tolerant of cyclic applications and misaligned flanges.

KLINGER STYLE K7302DL
Exclusive to KLINGER. Highly abrasion resistant Style K7302DL is well suited for heavy duty pumping applications. Ideally suited for heavy slurries and abrasives in Ash handling plants. Other industries include: petrochemical, pulp and paper, sugar and mining.

KLINGER MILAM PSS
An asbestos-free sealing material with tanged or pegged 316 stainless steel reinforced Mica. Outstanding thermal stability at temperatures of 900˚C.

INSULATION JACKETS
Are used in a variety of applications where energy saving and temperature maintenance control is required.

STAINLESS STEEL BELLOWS
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FABRIC EXPANSION JOINTS
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SIGRAFLEX HOCHDRUCK
A high integrity, multi laminate, sealing material with excellent thermal and chemical resistance. Manufactured from multiple layers of 316 stainless steel and high purity graphite.

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KLINGER is the world's leading manufacturer and supplier of industrial gaskets, mechanical gland packing, fluid control products, pipe products, expansion joints, engineering plastics and field services. Established in 1886 as a family enterprise, the group of KLINGER independent companies now has a worldwide presence in over 60 countries, providing a range of products and services to customers in the manufacturing, infrastructure, marine, oil & gas, chemical, pulp & paper, energy, food & beverage, agriculture, mining and pharmaceutical industries. In addition, KLINGER provides professional technical support and advanced training solutions. Our professional services include bolt load and torque calculations, failure analysis, joint integrity management, on-site machining, valve reconditioning, on-line leak sealing, and shutdown support.

The power generation industry harnesses energy from fossil fuels, gas, nuclear fusion and hydro-electric schemes. In order to satisfy the growing demand for electrical power, KLINGER has the products, technical expertise, footprint and stock holding to service the power generation industry as a global leader and local partner. For technical information, contact our technical team on *technical@klinger.co.za* or contact one of our KLINGER branches nearest to you.

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All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.
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