

THE BEST SOURCE FOR SEALING SOLUTIONS
WITH MORE THAN 4 DECADES OF EXPERIENCE



An

ISO 9001-2015

Certified Company

GASKET INDUSTRIES

The logo symbol for Gasket Industries is a stylized diamond shape containing the letters 'GI'. Below the diamond are three horizontal lines of varying lengths, resembling a gasket or a seal.

- * Spiral Wound Metallic
- * Ring Joint RTJ - Oval / Octagonal, Rx, Bx Series
- * Non Asbestos Compressed Fibre Jointing (NACF)
- * PTFE Solid / Teflon[®] Envelope - Any Size
- * Expanded PTFE and Joint Sealant
- * CAF, Felt, Cork, P.V.C. Ceramic, Paper
- * Flexible Graphite / Graphoil[®] (Moulded) Rings
- * Rubber Moulded Gaskets, 'O' Rings, Extruded Section from Viton[®], Silicone, Neoprene[®], Butyl, Nitrile, Hypalon[®] Etc.
- * Camprofile, Metal Jacketed, Corrugated Gaskets
- * Shims, S. S., Plastic, Brass, Copper etc.
- * Flange Insulation Gasket Kit



Spiral Wound Metallic Gaskets



Our Spiral Wound Metallic Gaskets are skillfully manufactured by spirally winding a preformed metal strip and filler on the outer periphery of metal winding mandrels. Its winding mandrel outside diameter forms the inner diameter of the gasket and the hoop strip continually winds until the required outer diameter is attained.

We offer Spiral Wound Metallic Gaskets in standards as per ASME B 16.20 suitable for flanges of ANSI B 16.5, MSSP 44 flanges for SORF, Tongue and Groove.

We manufacture gaskets with Inner and Outer Ring with Partition Ribs for tube vessels, heat exchangers. These can be customized with standard and non-standard thickness and sizes upto 2000 mm Outer Diameter as per the client's requirements.

Why Our Spiral Wound Metallic Gaskets?

- Adequate flexibility · Can withstand high pressure · Longer working life
- Maintains a seal under variable and uneven loading

Winding Material (Hoop) Available In;

Stainless Steel AISI 304 / 316 / 321 · Monel · Titanium · Duplex · Inconel · Hastelloy

Filler Material Available In

CAF · Non Asbestos jointing · PTFE · Flexible Graphite · Ceramic

Customised Special And Standard Flange Gaskets From Various Materials



Gaskets as per Sketch/Drawing/Samples/Templates · Standard gaskets for flanges as per ASME B 16.21 (suitable for ANSI B 16.5 flanges); BS 10 table; DIN gaskets in raised face and Flat / Full face

From all types of materials like

- Rubber - Plain / Inserted (Cotton / Nylon) · CAF (Compressed Asbestos Fibre) · Flexible Graphite Plain / Metal Insertion (Tanged / Reinforced with Wire mesh) · PVC · PTFE · Vegetable Fibre · Rubberised Cork · Ceramic · Shims · EVA / Foam and many others.

· NACF / NAM / Non Asbestos (Asbestos Free Gaskets)

Non Asbestos Gasket Sheets are made with Glass and Aramid fibres mostly with NBR rubber binder conforming to BS 7531 and are sourced from Different Domestic and International manufacturers.





Rubber Gaskets



We manufacture Rubber Gaskets and 'O' Rings from high-grade raw materials in order to give a durable performance. Our Moulded Gaskets and Extruded Rubber Gaskets in different profiles are widely used in various industries and applications. The Rubber Gaskets are available in varied hardness and other physical parameters as per the client's requirements. These may sometimes be reinforced with Fabric insertion of Cotton / Nylon / Metallic wire Mesh / Solid Steel Insert.

Components

- 'O' Rings · Washers · Gaskets for Manhole / Flanges in Full / Flat Face or Raised Face
- Molded Components · Extruded Profiles / sections · Self Adhesive Strip Panel Gasket
- Expansion Bellows · Hose Pipes

Available In

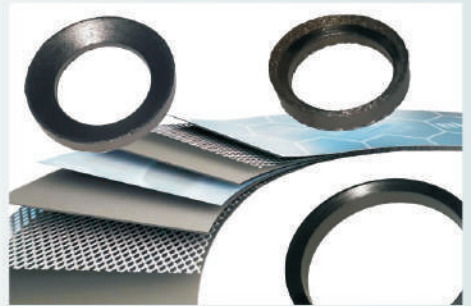
- Viton® / FluoroPolymer · Silicon® / HT Silicon – Food Grade (White / Translucent)
- Buna-N/Nitrile® /NBR · Neoprene® · EPDM · Butyl · Hypalon · Natural · Food Grade
- Natural / Neoprene® / EPDM / Silicon®

Flexible Graphite Gaskets

Graphite (Graphoil®) moulded Rings are made from pure graphite containing no binder or fillers. Graphite Gaskets can be made to any size, shape, profile as per Drawing from Sheets.

These may be from

- Plain Flexible Graphite · Sheet / Foil insert · Tanged Sheet insert · Sheets / Gaskets with Metal insertion of SS 304 / SS 316 / GI · Wire Mesh in Stainless Steel / Carbon steel.



The Graphite Gaskets are specially designed to provide the desired compression with high percentage recovery and low creep relaxation. Seals the minutest imperfections – Effective and excellent Sealing.

Specifications

- High Temperature Resistance : -200 deg C to 600 deg C (+3000C in non-oxidizing areas)
- High Chemical Resistance : PH 0-14 · High Pressure Resistance : Upto 1000 PSI · High Cross Section Density : 1.6 gm/mm (For Moulded Rings) depending on design Upto 12000PSI for metallic Gaskets.

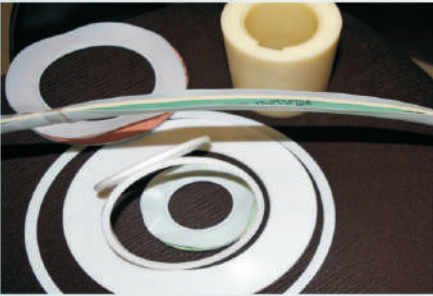
Gland Packings



Asbestos - Dry plaited / Lubricated Plaited / PTFE Impregnated / Metal Wire Reinforced
Non-Asbestos - Teflon® / Graphite / Aramid / Carbon in pure and combination. Also available in wire braided.
Widely used in pumps, steam engines, valves and other evolving shaft systems.



PTFE Envelope Gaskets & Solid PTFE Sheet Gaskets/Machined Components



Our range of PTFE (Teflon®) Gaskets includes PTFE Envelope Gaskets and Expanded PTFE Sheet Gaskets / Joint Sealants. Machined components like PTFE 'O' rings, 'T' Bush, seats, seals or as per any special profile / shape to your drawings. Solid PTFE gaskets / Machined components are available in Filled grade as well like Bronze / Carbon / Glass filled PTFE.

PTFE Envelope Gaskets manufactured by us are mainly in two types - Milled type (fused End) and Slit type (Machined). These Gaskets can have Inserts of CAF, Rubber, PVC, Corrugated steel sandwiched between CAF / Non Asbestos rings.

Milled Type - Fused End

·It is made to fit the insert and presents a flat face to the flange. Fused End envelopes are being manufactured from Diameters of 400mm to any size with a maximum wall thickness of upto 100mm

Slit Type

·These Machined PTFE envelope variant are more suited for smaller diameters and larger quantities. It is perfectly adequate for varied applications.



Expanded PTFE Sheet Gaskets and Joint Sealant

We Manufacture Expanded PTFE Gaskets and also Joint Sealants. The high-grade Expanded PTFE Sheet Gaskets is made by special process that produces a uniform and highly fibrillated microstructure.

Attributes

·Can seal uneven damaged flanges · Resist all chemicals except melted alkali metal, fluorine at liquid and gas states · Excellent flexibility · Simple to cut and install.

Specifications

- Compressibility : 66% (ASTM-F36) · Recovery : 16% (ASTM - F36)
- Material : 100% Pure PTFE, produced in an expanded microporous structure
- Temperature : -240 c to + 270 C (for short bursts + 310.C)
- pH range : 0 - 14 pH except molten alkali metals and elemental fluorin
- Pressure : 3000 PSI (210 BAR)



Ring Joint Gaskets



We manufacture Ring Joint Gaskets conforming to R series in Octagonal / Oval shape , Bx and Rx series of API std 6A and ASME B 16.20. They are used in the production and refining process pipelines of Oil and Gas Industries.

Made from solid metal types like :

- Soft iron/ LCS - Low Carbon Steel - Electroplated as per your specs zinc electroplated (By Default); Yellow Pacification; Cadmium Plated and Hot Dip Galvanised.
- Stainless Steel AISI 304 /316 / 321
- Inconel and other Alloy grades.



Flange Insulation Gasket Kit



An effective form of controlling losses due to corrosion. They can be used to control stray electric currents in piping at oil, gas, water, refinery and chemical plants and increase the effectiveness of cathodic protection systems and confine or eliminate electrolytic corrosion. Most common components being a Gasket, Sleeves for bolt protection, and washers for nut protection. The variety of component materials is dependent upon application.

Type "E" gaskets have the same outside diameter as the flange offering full protection. This will prevent the collection of foreign matter between the flange faces and ensures complete cathodic isolation. A wide variety of materials are available to suit the requirements.

Type "F" gaskets are made to fit inside the bolt circle and cover the raised face portion. It is recommended that a dirt guard be used to prevent foreign matter from shorting out the flanges. The flanges can also be wrapped. A wide variety of materials are available to suit the requirements.

Type "D" or RTJ gaskets are made to fit the ring groove on ring type joint flanges. Usually manufactured from phenolic based materials.

Gaskets Type E and F can be manufactured from:

· Phenolic (plain and neoprene faced) · GRE (Glass Reinforced Epoxy) · Asbestos sheet gasket · Non Asbestos Material · Special Elastomers .

Metallic / Cladded / Jacketed / Corrugated Gaskets

Metal Jacketed Gaskets find their application in HIGH PRESSURE and HIGH TEMPERATURE conditions. Its structure is easily compressible with tightening loads lower than those required for solid metallic gaskets.

Applications

· Sealing of heat exchangers · Valve cover · Autoclaves · Manhole

Availability · Single Jacketed · Double jacketed · Corrugated jacketed

Sheet Metal options :

· Soft Iron · AISI 304 / 316 / 321 · Copper · Brass

FILLER Available In

· Asbestos / Non Asbestos · CAF · PTFE · FLEXIBLE GRAPHITE · CERAMIC



Camprofile Gaskets



Camprofile Gaskets are used for difficult sealing conditions when performance is critical and sealing stresses are low. non metal sealing elements like PTFE and Flexible Graphite ensure that flanges are not damaged even at extreme loads and provide excellent sealing properties and enhance the reliability of a solid metal-to-metal seal.

COMPANY PROFILE

Gasket Industries is a leading Manufacturer and Exporter of Industrial Gaskets & Packings for every Industry.

Our range of Gaskets includes Non Metallic gaskets, Non Asbestos, PTFE Gaskets, Spiral Wound Metallic Gaskets, Ring Joint Gaskets, Rubber gaskets and 'O' Rings, Graphite, Metal Jacketed, Camprofile, Shims etc.

Our aim is optimum customer satisfaction through quality products. Our esteemed customers are testimonial to the service and quality in workmanship of our Precise Gaskets.

For the last more than 48 years, we have been serving the gasketing and sealing requirements of almost every Industry including Oil & gas refineries, Offshore, Chemical, Pharma, Aeronautic, Defence, Power Plants, Railways ... you name it ... and widely used by Machinery Fabricators, Heat Exchanger, Pressure Vessels, Valves, Pumps, Engines, Generators and universal applications of Door Gasket, Panel gaskets, Flange gaskets as per ASME B 16.20 / ASME 16.21 suitable for ANSI B 16.5 flanges, DIN gaskets, BS 10 gaskets.

We have a diligent team of highly skilled and experienced production staff. We follow Quality Assurance processes that has helped in maintaining consistency in our Quality.

Our close interaction with the end user or design department of our customer helps us to understand and develop new and customised gaskets and even improvise on the existing assemblies to propose sealing solutions which are backed with our vast experience. We can manufacture Gaskets as per your specifications, Drawings, samples or even sketches.

We at Gasket Industries endeavor to give you the most suitable and acceptable quality in terms of material & workmanship.

" WE BELIEVE IN RELATIONS FOR A LIFETIME. "



GASKET INDUSTRIES

Manufacturers of Gaskets & Packings for Every Industry

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