



KEDMECH
VALVE AND GASKETS PVT LTD

MFG. OF INDUSTRIAL VALVES & GASKETS

High Performance with High Quality



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ABOUT US

KEDMECH Valve & Gasket is the leading manufacturer of Valve and PTFE gasket in India. KEDMECH Valve & Gasket is a member of diversified industrial group Shree Mahalaxmi Engineering. The Shree Mahalaxmi has been serving the pharma industry for over decades.

KEDMECH Valve & Gasket is introducing engineering and high performance polymer product like gasket seal with PTFE Teflon and all type Valves etc.

India is the fastest growing country at industrial level in all over world and along with the growth, innovation and up-gradation is also at a rapid level to sustain them, energy saving eco-friendly and cost saving products are being expected by industries. In such a rising time, people have become more conscious about their balance sheets being affected by energy consumption and maintenance and then when it come to perfections KEDMECH Valve & Gasket is available

KEDMECH Valve & Gasket is trusted & fastest growing manufacturer, exporter and service provider in various industrial segments, mainly we provide and design utilities piping solutions with energy savings advance technology with effective cost. From our expertise and more than 10 years of experience we completed successful installations in various types of industrial segments likes pharmaceuticals, textiles, chemicals, plastics and many more industrial and commercial segments, By continuous R&d and efforts we come with our brand KEDMECH Valve & Gasket in specially industrial specialized valves and Gaskets.

When it comes to choose the best quality of valves for various processes, KEDMECH Valve & Gasket is your one-stop destination. The company is a reliable manufacturer, supplier, and service provider of high-grade all types PTFE Products & 2-2 way pneumatic cylinder operated angle seat valves, manual and auto operated ball valve, manual and auto operated butterfly valve, and all types of control valves. We are professional company dedicated to quality, precision, and perfection with more than 10 years of expertise and experience, we create innovative products with standards as well as customized specifications.



Building Customer Success

We offer safe and sustainable solutions to achieve success with our customers. Our focus is on customer value creating through close partnership.



Performing Together

We aim to provide a safe and healthy working environment in a culture that supports performance and competencies. We work together with the local communities to create social value.

Polytetrafluoroethylene PTFE, a fluoropolymer with exceptional chemical resistance and is the most widely used plastic in the sealing industry. The only known chemical products to attack PTFE are liquid alkaline metals and free fluorine. It has a fairly good temperature range from cryogenic to plus 260°C, excellent electrical insulation properties, anti-stick, impact resistance and low coefficient of friction.

PTFE gasket sheeting products are manufactured by mixing pure PTFE powder with other fillers then sintering or extruding the gasket product. Virgin or pure PTFE sheets with no fillers are rarely used for gasket sheet materials as they tend to creep or cold flow under pressure. Creep which is defined as a loss of tightness, measurable by torque loss when the gasket is compressed, causes the gasket to change shape and cold flow resulting in a loss of bolt load, a loss of gasket compression and eventually a leak.

Because of this problem with pure PTFE gasket material, it is generally accepted that a filled PTFE gasket material will have superior performance. Glass is the most common filler used in PTFE sealing materials with others being carbon, graphite, bronze, etc. These fillers give the PTFE extra structural strength and creep resistance.

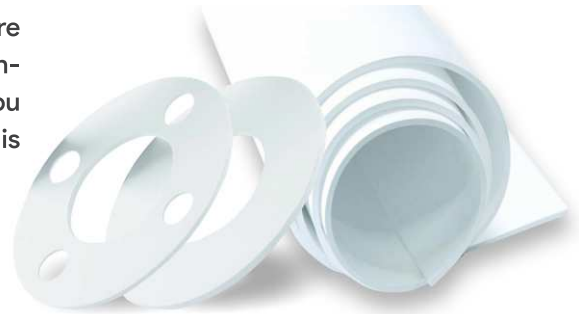
We offer versatile solution of Expanded PTFE sheets and gaskets, which are soft and compressible, with excellent sealability and best used for non-standard flange applications. It meets any industries unique needs when you cannot find a conventional gasket as a sealing option. The Expanded PTFE is widely used in petrochemical, food and pharmaceutical industries.

GET can also supply ready cut e-PTFE gaskets (ring type) as per ASME B16.21 standard.

SPECIFICATION :-

White Expanded PTFE gasket material is exceptional in its range of temperature from -268°C to +265°C and PH range (0-14), with thickness availability from 0.5 mm to 6.00 mm.

Pressure range from Vacuum to 200 Bar Size available: 1500 mm X 1500 mm



PTFE RODS



Custom Length, Width & Thickness are available as per customer's Requirement

STANDARD DIAMETERS (MM):- 3 TO 100

STANDARD LENGTH (MM):- 900,1000 & 1500

NON-ASBESTOS GASKET (ASBESTOS FREE GASKETS / CNAF GASKETS)

Non-Asbestos Gasket that provides excellent sealing and resistance property to perfectly manufactured for high-temperature applications. We deal in Non-Asbestos gaskets made of carbon, aramid fibre and other polymer combinations that provide excellent chemical resistance or with EPDM for potable water application.

BENEFITS :-

- High pressure & heat resistance
- Excellent torque retention
- Top sealing power
- Oil resistant (Petroleum, Mineral)



METALLIC GASKETS

GET manufacturer & supplier of the high-quality Ring Joint Gaskets, suitable for high pressure and high-temperature applications.

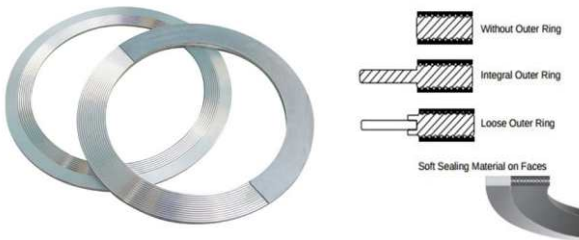
We deal in R, RX, BX style joint gaskets available in Oval/ Octagonal Profiles. Each ring joint gasket is specifically made to bear the tolerance on CNC machines and are compliant to the ASME B16.20 Standard and API spec 6A requirements depending on the application.



STYLE: R (OVAL) R (Octagonal) BX RX

KAMMPROFILE GASKET/SERRATED GASKETS

STYLES OF KAMMPROFILE :-



GET manufacturer & supply Kammprofile Gaskets of all shapes and styles and in different material. This includes Grafoil and PTFE. Our supplied Kammprofile Gaskets are of high- quality and can be used for improved sealing and effectiveness. They fit to be used in chemical, and petrochemical industry along with other industrial power plants where primary circuit nuclear installations are done.

SPIRAL WOUND GASKETS

Our products have spirally winding - a preformed metal strip and filler on the outer periphery of the metal winding mandrel.

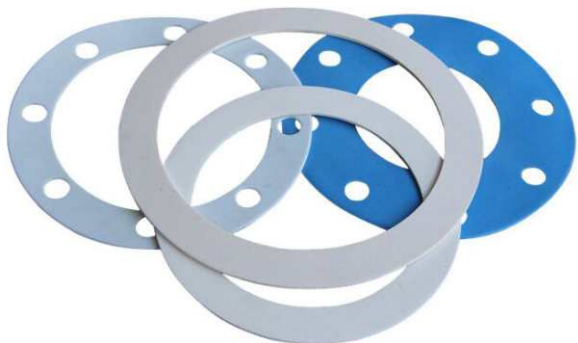
Our supplied spiral wound gasket can be used for all the range of temperatures including cryogenic 2000° F and standard pressure over 2500 psi.

PROPERTIES OF SPIRAL WOUND GASKETS

- Suitable for use across wide pressure range and temperature.
- Spiral wound gaskets can be used to seal fluid pressure up to 400 bar and cryogenic temperature as low as -200 degree Celsius and up to elevated temperatures of 1000 deg Celsius.
- Due to its simple design, Spiral Wound Gaskets are easy to install.
- Due to the options of different winding materials, It can be tailored to a wide range of operating conditions.
- Easy to remove and cause no damage to the flange.



PTFE (READY CUT) GASKETS (POLY-TETRA-FLUOR-ETHYLEN)



PTFE is a polymer with an exceptional chemical resistance and is the most widely used plastic for industrial sealing. The alkaline metals and free fluorine only substances that attack PTFE are liquid alkaline metals and free fluorine.

PTFE Gasket products are manufactured by taking either pure PTFE or PTFE with other materials mixed in and sintering or extruding it. Sintering is a process where powdered material is held in a mold and then heated to a temperature below the melting point.

TYPES OF PTFE GASKETS:-

- Virgin PTFE
- Filled PTFE

Graphite gaskets combine strong thermal resistivity with resistance to thermal shock, a type of damage that occurs when components are subjected to rapid changes in temperature. Typically, these industrial gaskets are fabricated from expanded sheets and foil-core materials. Temperature -240° to 450° celsius.

KIND OF METAL REINFORCEMENT :-

- Without Metal
- Draw Metal
- Smooth Inlay
- Wire Mesh
- Tanged Insert

APPLICATIONS :-

- Cooling Tower
- Hot O Equipment
- High Pressure Pipes
- Paper Mills



GET also deals in Graphite sheet, roll are made of high-carbon flake graphite by chemical treatment at high temperature and is characterized by high temperature resistance, corrosion resistance and elasticity.

PTFE ENVELOPE GASKETS



PTFE Envelope Gaskets provides one of the best sealing solutions in corrosive environments and is constructed with a resilient material encased in a thin cover of PTFE. We can customize these gaskets with different types of inserts like CAF, Non-Asbestos, SS corrugated & Rubber. As per the client's need & application we can supply PTFE envelope gasket in various specifications, shapes, sizes & standard.

GET can supply PTFE envelop gaskets are in either milled type and slit type as well as in Elliptical shape gaskets with 300 X 400 and 350 x 450 dimension.

PTFE envelopes gaskets are most suitable for General Purpose Glass Lined Equipment, Chemical Manufacturing, Food Equipment, Pharmaceutical Plants, Petrochemical, Steel Manufacturing, Distilling, Food and Beverage, Pulp and Paper Processing, Power Generation & many more.

GLAND PACKING

We supply Gland packing is used extensively for the sealing and restriction of leakage of the working fluid along the stem in valves and along the shaft in the case of pumps and also for stationary duties like manhole cover sealing. The technology has now progressed to such an extent that now several combinations of artificial fibers and cutting edge materials are used, and gland packings are even used in harsh applications like nuclear environments and in the handling of corrosive products.

TYPES OF GLAND PACKING:-

We deal in different types of Gland packing which are made from Jute, Flax, Hemp, Cotton, PTFE, Aramid, Wrapped metal foils, Graphite fiber, Carbon fiber, Glass fiber, Poly acryl nitrile fibers etc.



PTFE MACHINED COMPONENTS



PTFE machined components such as valves seat rings, roof packing, seal cover, plug valves sleeve, wedge rings, 'O' rings, piston rings, washers, bearings, balls, bushings, insulators, pipe joints, guides, breaks, piston rings, rider rings, hydraulic earth mover seals etc., and all types of components for non-lubricated compressors or any PTFE components as per customer's sample, specification and drawing.

Single Piece Design Ball Valve Screwed End

Body : CI/WCB/CF8/CF8M

Ball : CF8/CF8M

Seat : PTFE/CFT

End Connection : Screwed End
To BSP / NPT

Pressure: Upto 10 Kg/Cm²

Temperature : Upto 180°C



Three Piece Ball Valve Screwed End

Body : CI/WCB/CF8/CF8M/CF3/CF3M

Ball : CF8/CF8M/CF3/CF3M

Seat : PTFE/CFT

End Connection : Screwed End
To BSP / NPT

Pressure: Upto 10 Kg/Cm²

Temperature : Upto 180°C



Two Piece Design Ball Valve Flanged End

Body : WCB/CF8/CF8M/CF3/CF3M

Ball : CF8/CF8M/CF3/CF3M

Seat : PTFE/CFT

End Connection : Flanged End To
ASME B 16.5 150#/300#/600#

Pressure: Upto 41 Kg/Cm²

Temperature : Upto 180°C



Three Piece Design Ball Valve Screwed End

Body : CI/WCB/CF8/CF8M/CF3/CF3M

Ball : CF8/CF8M/CF3/CF3M

Seat : PTFE/CFT

End Connection : Flanged End To
ASME B 16.5 150#/300#/600#

Pressure: Upto 41 Kg/Cm²

Temperature : Upto 180°C



Centric Disc Butterfly Valve Wafer Type End

Body : CI/WCB/CF8/CF8M

Disc : S.G. IRON/CF8/CF8M

Seat : NITRILE/EPDM/WHITE EPDM

End Connection : Wafer Type To
Suit ASME B16.1 150#

Pressure: PN 10/16

Temperature : Upto 120°C



Double Offset Disc Butterfly Valve Wafer Type End

Body : WCB/CF8/CF8M

Disc : CF8/CF8M

Seat : PTFE

End Connection : Wafer Type To
Suit ASME B16.1 150#

Pressure: PN 10/16

Temperature : Upto 180°C



2/2 & 3/2 Way Direct Acting Solenoid Valve

Body: ALUMINIUM/BRASS/CF8/CF8M

Seal: NITRILE, EPDM, PTFE

Pressure Range: 0 Bar To
10/25/150 Bar

Operating Voltage: AC-12V, 24V,
110V,230 DC-12V, 24V

Media: Air, Water, Gas, Oil



Filter Regulator + Lubricator

Body: Aluminium Pressure Die Cast

Bowl: Polycarbonate

Safety Guard: Sheet Metal

Spring: Steel

Drain Assembly: Nylon

Filter Element: Sinter Bronze

Baffle: Nylon



Outside Screw & Yoke Type Gate Valve Flanged End

Body : CI/WCB/CF8/CF8M/CF3/CF3M

Trims : 13 Cr./18 Cr. 8 Ni/18 Cr.
10 Ni 2 MO

Seat : METAL

End Connection : Flanged End To ASME
B 16.5 150#/300#/600#/1500#/2500#

Hyd. Test Pressure: Depend On Class



Outside Screw & Yoke Type Globe Valve Flanged End

Body : CI/WCB/CF8/CF8M/CF3/CF3M

Trims : 13 Cr./18 Cr. 8 Ni/18 Cr.
10 Ni 2 MO

Seat : METAL

End Connection : Flanged End To ASME
B 16.5 150#/300#/600#/1500#/2500#

Hyd. Test Pressure: Depend On Class



Swing Type Check Valve Flanged End

Body: CI/WCB/CF8/CF8M

Body: CI/WCB/CF8/CF8M

Trims: 13 Cr./18 Cr. 8 Ni/18 Cr. 10 Ni 2 MO

Seat: METAL

End Connection: Flanged End To ASME B16.5 (150#/300#/600#)

Test Pressure: Depend On Class



Wafer Type Check Valve

Body: M.S./CF8/CF8M

Disc: M.S./CF8/CF8M

Seat: NITRILE/EPDM/PTFE

End Connection: Wafer Type To ASME B 16.5

Test Pressure: Upto 10 Kg/Cm²



PNEUMATIC ACTUATOR VALVES

Actuator Operated Three Piece Ball Valve Screwed End

Body: WCB/CF8/CF8M/CF3M

Ball: CF8/CF8M/CF3M

Seat: PTFE/CFT

End Connection: Screwed End To BSP/NPT/Socket Weld End

Pressure: Up to 10 Kg/Cm²

Temperature: Upto 180° C



Actuator Operated Three Piece Ball Valve Flange End

Body: WCB/CF8/CF8M/CF3/CF3M

Ball: CF8/CF8M/CF3/CF3M

Seat: PTFE/CFT

End Connection: Screwed End To BSP/ Flanged End To ASME B 16.5 150#/300#/600#

Pressure: ON Request



Actuator Operated Two Piece Ball Valve Flange End

Body: WCB/CF8/CF8M/CF3/CF3M

Ball: CF8/CF8M/CF3/CF3M

Seat: PTFE/CFT

End Connection: Flanged End To ASME B 16.5 150#/300#/600#

Pressure: On Request

Temperature: Upto 180 °C



Actuator Operated Centric Disc Butterfly Valve Lug Type

Body: CI/WCB/CF8

Disc: S.G. IRON/CF8/CF8M

Seat: NITRILE/EPDM

End Connection: Wafer Lug Type To ASME B16.1

Pressure: PN 10/16

Temperature: Upto 120° C



Actuator Operated Centric Disc Butterfly Valve Wafer End

Body: CI/WCB/CF8/CF8M

Disc S.G. IRON/CF8/CF8M

Seat: NITRILE/EPDM

End Connection: Wafer Type To Suit ASME B16.1 150#

Pressure: PN 10/16

Temperature: Upto 120 °C



Actuator Operated Double Offset Disc Butterfly Valve

Body: WCB/CF8/CF8M

Disc: CF8/CF8M

Seat: PTFE

End Connection: Wafer Type To Suit ASME B16.1 150#

Pressure: PN 10/16

Temperature: Upto 180 °C





MFG. OF INDUSTRIAL VALVES & GASKETS

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