

KAVITA
Polymers
Transforming Excellence with Precision

TRANSFORMING EXCELLENCE WITH PRECISION

Trust Kavita Polymers for exceptional PTFE solutions that elevate your business.



Experience the power of
Precision, Reliability
& Innovation.

With a relentless commitment to excellence and innovation, we have been serving diverse industries with precision-engineered solutions for 40+ years.



Quality
Excellence



Advanced
Processing



Customized
Solutions

An ISO:9001 Certified Company

19, Suvas Industrial Estate, B/h SVM School, Moraiya Ahmedabad -382213



info@kavitapolymers.com



+91 83790 01797



www.kavitapolymers.com

PRODUCTS MANUFACTURED

Ball Valve Seat Ring

At the core of every high-performing ball valve lies its heart—the ball valve seat ring. Engineered with precision and innovation, our soft ball valve seats are meticulously crafted from a range of advanced materials such as P.T.F.E, Modified P1.F.E, Re-inforced P.T.F.E, P.E.E.K, Re-inforced P.E.E.K, and P.C.T.F.E. These exceptional materials empower the seats to not only endure the most challenging media but also thrive under varying pressures and temperatures over extended durations.



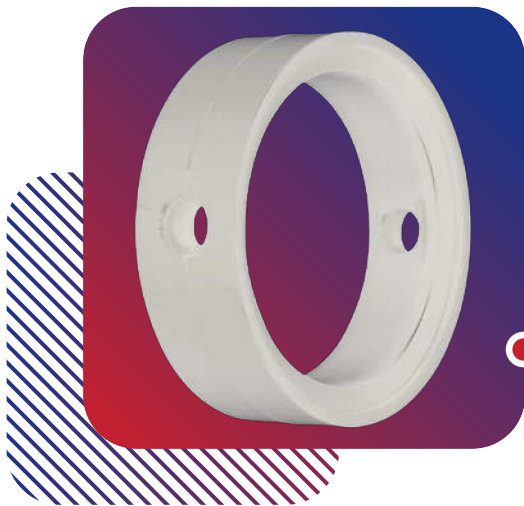
Plug Valve Linear

The Plug Valve Sleeve, crafted from P.T.F.E (Polytetrafluoroethylene), plays a crucial role in achieving impeccable shut-off and leak-proof performance in plug valves. This soft sleeve not only ensures a tight seal but also prevents direct contact between two metal surfaces, contributing to increased longevity and reduced maintenance.



Butterfly Valve Sleeve

Unlocking the pinnacle of innovation, Kavita Polymers specializes in the art of crafting isostatically molded butterfly valve liners, setting a benchmark for optimum material quality. With a legacy spanning over two and a half decades, the company boasts cutting-edge CNC and VMC machines, ensuring the seamless fabrication of intricate profiles with unparalleled precision and repeatability.

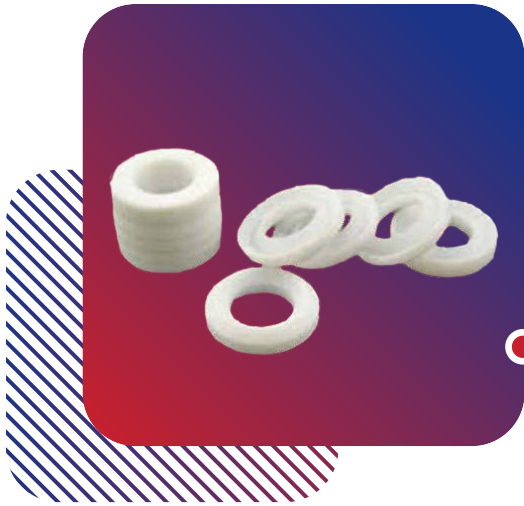


Double Offset/ Triple Offset Butterfly Valve Seat

The seat of a Triple Offset Butterfly Valve is meticulously designed to snugly fit onto a metallic retainer ring, securely screwed onto the valve's flange. Crafted with precision, this seat incorporates a soft polymer sealing mechanism, empowering customers with the ability to achieve bubble-tight shut-off, reduced torque requirements, prolonged operational life, and resilience in corrosive environments.



PRODUCTS MANUFACTURED

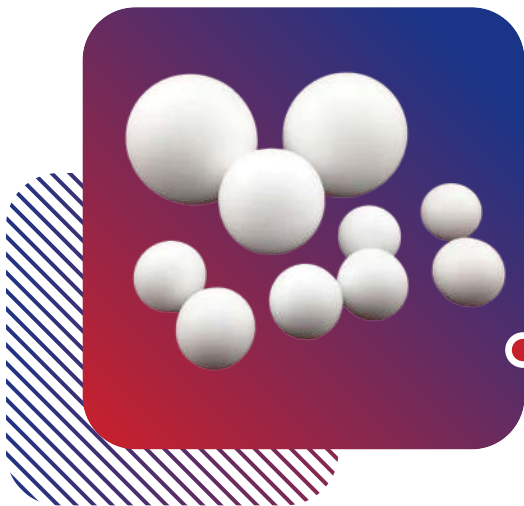


Chevron Packing Set / V & U Packing set

Chevron Packing Sets, commonly referred to as V-Packing Sets, play a pivotal role in the optimal functioning of various valve types. Consisting of multiple rings strategically stacked over the valve stem, these sets effectively prevent leakage and contribute to the seamless operation of valves. The innovative design ensures that minimal torque is applied during the process, enhancing efficiency.

Washers / Gaskets / O-Rings

Fluoropolymer-based washers, gaskets, and O-rings have become indispensable components across diverse industries, showcasing their versatility in applications such as valves, compressors, agrochemicals, pharmaceuticals, and chemical plants. These precision-engineered elements play a crucial role as backup rings and sealing rings, preventing direct contact between steel parts and thereby enhancing overall longevity.



P.T.F.E Ball

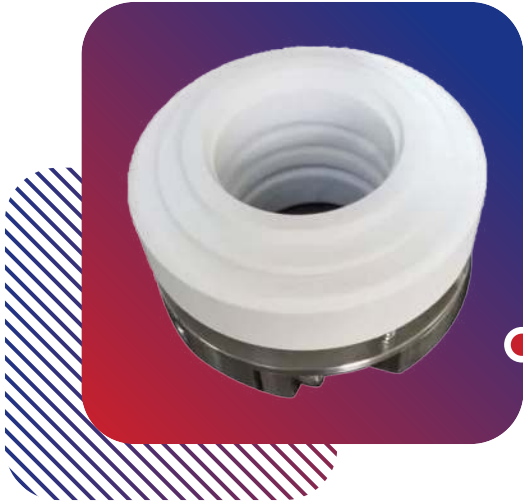
Spheres made of P.T.F.E find application in ball check valves and pumps designed for chemical handling. The precision and excellent surface finish achieved by the Kavita Polymers team make these spheres highly effective in their intended uses, even in environments with highly corrosive media.

Piston Cross cut / Wearing for Compressors

Manufacturers at Kavita Polymers specialize in crafting high-quality Piston Cross Cut and Z Cut rings tailored for compressors. These rings, crafted from Carbon Filled P.T.F.E and Bronze Filled P.T.F.E, come in angular or Z-cut variations, catering to the diverse needs of the compressor industry.



PRODUCTS MANUFACTURED

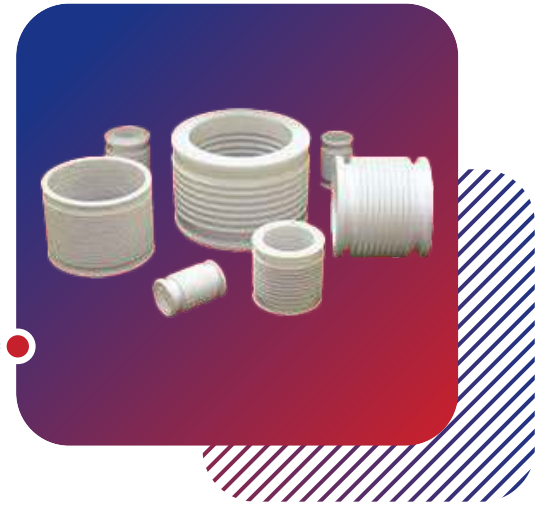


Mechanical Seal Bellow

Manufactured for the mechanical seal industry, the Mechanical Seal Bellow boasts a multi-convoluted design. This bellow features a sandwich structure incorporating Glass-filled P.T.F.E and Virgin P.T.F.E. The strategic bonding of these materials ensures a perfect blend of flexibility from Virgin P.T.F.E and mechanical toughness from Glass-filled P.T.F.E on both sides.

Q.N.F. Line Bellow

The P.T.F.E Line Bellow serves the purpose of addressing thermal expansion issues in glass pipelines. Additionally, it plays a crucial role in isolating vibrations, finding application in scenarios where there are corrosive conditions, high purity requirements, or elevated temperatures.



Guiding Ring for Pressure Regulating Valve

Kavita Polymers specializes in the production of guiding rings crafted from Bronze-filled P.T.F.E, featuring a cross cut design for simplified assembly. These guiding rings find optimal use in dynamic applications, particularly in pressure regulating valves. The incorporation of Bronze-filled P.T.F.E enhances the compressive strength, significantly extending the lifespan of these seals in comparison to those made with Virgin P-T.F.E.



**KAVITA
Polymers**
Transforming Excellence with Precision



+91 94284 98785



www.kavitapolymers.com



+91 83790 01797



info@kavitapolymers.com



19, Suvas Industrial Estate, Behind SVM School,
Moraiya Ahmedabad, Gujarat -382213