



APAC Seal Pvt Ltd
Mechanical Sealing Solution



About Us

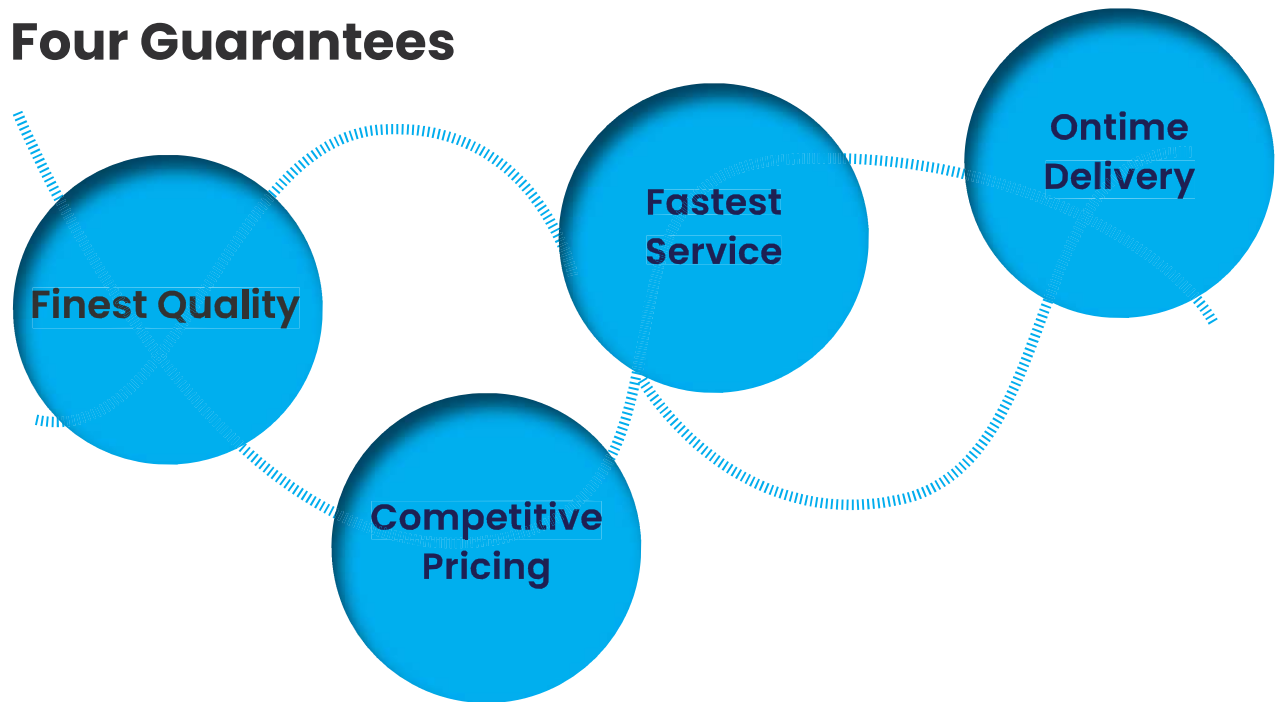
APAC Seal Pvt. Ltd., a leading supplier of Mechanical Seals for Pumps, Compressors, and other Rotary Equipment for industrial and marine applications. With 20+ years of industry experience and expertise, we have a strong reputation for manufacturing, servicing, and delivering high-quality seals and spare parts.

We serve a diverse portfolio of respected organizations, both domestic and international, who rely on our expertise for their critical sealing requirements. We invite you to explore our pump-specific datasheet, curated from our data repository of 100+ leading pump manufacturers across various sectors

We Offer

- Products ranging from simple unbalanced seals to complex double and multiple seal cartridges, meeting international standards (EN 12756, DIN 24960, API 682)
- Customized designs as per requirements
- Seals manufactured in diverse sizes (from 08 mm to 150 mm) from high-quality materials for longevity and superior performance
- Specialized gland packing pump conversion to mechanical seals (retro-fitted) to avoid pump body modification
- On-time delivery of premium products at competitive rates

APAC's Four Guarantees



Why Choose Us

Diverse Range of Products: Our mechanical seals are tailored to meet the specific needs of your equipment, ensuring optimal performance and reliability.

Global Standards: Our products serve as seamless replacements for renowned global brands and offering equivalent or superior performance under the banner of Indian excellence.

Esteemed Clientele: We are proud to serve both domestic and international companies, who have consistently entrusted us with their sealing requirements.

Specialised Solutions: We specialise in converting gland packing pumps into mechanical sealing systems without requiring modifications to the pump body, offering a cost-effective and efficient solution for your operations.



Products

Elastomer Bellow Seal (AP/EBS)

Materials of Construction

Seal Faces : Carbon, Ceramic, Sic, TC facings
Elastomers : Nitrile, Neoprene, Viton, EPDM
Hardware : SS 316, SS 304 Stamping parts & spring

Operating Parameters

Size Range	12 mm to 100 mm
Pressure Limits	Below 16 bar
Temperature Limits	-20'c to 100'c



Features

- **Versatile Performance** : Ideal for Water, Oil & Light duty applications
- **User Friendly Design** : Effortless Installation, Maintenance & Replacement
- **Industry Standard Reliability** : Trusted and widely adopted across various industries
- **Guaranteed Availability** : Always in stock and ready for your projects
- **Rapid Fulfilment** : Swift delivery to minimize downtime and keep your operations running smoothly
- **Competitive Price** : Premium performance at a cost-effective price

Single Spring Seal (APSS)

Materials of Construction

Seal Faces: Carbon, Ceramic, Sic, TC facings
Elastomers: Viton, EPDM, Perflouro, Aflas, PTFE
Hardware: SS 316, SS 304, Hastelloy-C, Monel, Alloy -20

Operating Parameters

Size Range	10 mm to 150 mm
Pressure Limits	Below 25 bar
Temperature Limits	-20'c to 200'c



- **Cost-effective:** Streamlined design at competitive prices
- **Versatility in Applications:** Multi-purpose seal adaptable to diverse applications
- **Engineered for Challenging Environments:** Best suitable for crystallizing slurries, general chemicals, suspended solids, and abrasive, corrosive, or viscous fluids
- **Variety of Designs:** Available in unbalanced and balanced designs
- **Flexible Configuration:** Choose between unidirectional and bidirectional designs
- **Precision Engineering:** Inside-mounted mechanical seal for optimal performance
- **Premium Quality Assurance:** Crafted from globally sourced, top-tier raw materials for superior performance and longevity

Multiple Spring Seal (APMS)

Materials of Construction

Seal Faces : Carbon, Ceramic, Sic, TC facings

Elastomers : Viton, EPDM, Perflouro, Aflas, PTFE

Hardware : SS 316, SS 304,

Operating Parameters

Size Range	10 mm to 150 mm
Pressure Limits	Below 25 bar
Temperature Limits	-20°c to 200°c



Features

- **Cost-effective:** Streamlined design at competitive prices
- **Versatility in Applications:** Multi-purpose seal adaptable to diverse applications
- **Engineered for Challenging Environments:** Best suitable for crystallizing slurries, general chemicals, suspended solids, and abrasive, corrosive, or viscous fluids
- **Variety of Designs:** Available in unbalanced and balanced designs
- **Flexible Configuration:** Choose between unidirectional and bidirectional designs
- **Precision Engineering:** Inside-mounted mechanical seal for optimal performance
- **Premium Quality Assurance:** Crafted from globally sourced, top-tier raw materials for superior performance and longevity



Metal Bellow Seal (APMB)

Materials of Construction

Seal Faces: Carbon, Sic, TC facings

Elastomers: Viton, Perflouro, Graphoil

Hardware: SS 316, SS 304, AM 350, Hastalloy C, Inconel 718

Operating Parameters

Size Range	19 mm to 100 mm
Pressure Limits	Below 40 bar
Temperature Limits	-20°c to 300°c

Features

- **High Temperature Performance:** Engineered sealing solutions for high-heat environments
- **Thermal-resistant Construction:** All metal components designed to withstand elevated temperatures without degradation
- **Premium Alloy Options:** Available with AM350, Hastelloy C, or Alloy 718 bellows for superior heat and corrosion resistance
- **Enhanced Pressure Capability:** Double-ply bellows offered for high-pressure applications
- **Simplified Installation:** Cartridge designs available for easy maintenance and reduced downtime
- **Industry-standard compliance:** Manufactured meeting API-682 and DIN 24960 standards for assured quality and compatibility

Cartridge Seal (APCS)

A cartridge mechanical seal is a completely enclosed sealing system with preassembled components. Typically, this seal type is composed of a gland, sleeve, and other hardware.

Materials of Construction

Seal Faces: Carbon, Sic, TC facings

Elastomers: Viton, Perflouro, Aflas, EPDM

Hardware: SS 316, SS 304

Operating Parameters

Size Range	20 mm to 150 mm
Pressure Limits	Below 60 bar
Temperature Limits	-20°c to 200°c



Features

- **User-friendly Installation:** Simple setup process that requires no specialist expertise
- **Universal Shaft Compatibility:** Internal shaft sleeve eliminates need for custom-made shafts in balanced seal applications
- **Extended Operational Lifespan:** Carefully selected components ensure long-term reliability and performance
- **Standardization Solution:** Ideal seal for streamlining inventory and maintenance processes
- **Protected Spring Mechanism:** Spring isolated from working fluids for enhanced durability
- **Wide-ranging Applicability:** Suitable for packing conversions, retrofits, or OEM
- **Flexible Configuration Options:** Available in both single and double cartridge designs



Teflon bellow Seal (APTB)

Materials of Construction

Seal Faces: GFT, Carbon, Sic, TC facings

Elastomers: PTFE

Hardware: SS 316, Alloy 20, Hastalloy C

Operating Parameters

Size Range	15 mm to 75 mm
Pressure Limits	Below 5 bar
Temperature Limits	-10'c to 80'c

Features

- **Corrosion-Resistant Design:** Engineered to handle highly corrosive liquids with ease
- **External Seal Configuration:** Externally mounted for simplified access and maintenance
- **Bidirectional Operation:** Functions independently of rotational direction for versatile applications
- **Customizable Seal Faces:** Available in both fixed and replaceable seal face designs for flexible use
- **Cost-Effective Solution:** Competitive pricing ensures significant savings in operational costs

Agitator, Reactor and Pressure Vessel Seal

Materials of Construction

Seal Faces: Carbon, Ceramic Sic, TC facings

Elastomers: Viton, Perflouro, Aflas, EPDM

Hardware: SS 316, SS 304

Operating Parameters

Size Range	25 mm to 150 mm
Pressure Limits	Below 40 bar
Temperature Limits	-10'c to 250'c



Features

- **Versatile Installation** Configurations: Seal designs available for Top, Side, and Bottom Entry installations.
- **Variety Designs:** Offered in both single and double seal designs.
- **Bearing Design Flexibility:** Available with or without bearing design to suit different operational requirements.
- **Pre-Assembled and Factory Tested:** Fully assembled and rigorously tested at the factory to ensure optimal performance.

Contact Us



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