



**MECHANICAL SEALS**

Innovative structural design, using high-performance dynamic and static ring materials, precision production of various types of mechanical seals, used for rotary seals such as pumps and kettles.

Including: mechanical seal for pump, mechanical seal for container ship pump, mechanical seal for chemical pump, mechanical seal with double end face, mechanical seal for bellows, magnetic fluid collector seal. Various novel structural-designed mechanical seals made of superior static and dynamic sealing materials.

Supply range: Pump-purpose mechanical seals, packaged ship pump-purpose mechanical seals, chemical pump-purpose packaged mechanical seals, dual-end faces mechanical seals, corrugated tube-purpose mechanical seals, and magnetic fluid packaged mechanical seals.



Material group & medium of mechanical seal

Description	Material	Material Feature & Suitable Scope
Rotary Face Stationary Face	Carbon	Resistant against: erosive, heat. Suitable for water & oil medium
	Ceramic	Resistant against: share hardness. abrasion. Suitable for dusted water & oil
	Silicon Carbide	Resistant against: heat, abrasion, erosive. Suitable for industrial pump submersible pump sewage pumps etc.
	Tungsten Carbide	Resistant against: hardness, erosive, heat. Suitable for industrial pump submersible pump sewage pumps etc.
Bellows	NBR	Resistant against: oil, pressure, abrasion, high elasticity and 33echanical strength. Suitable for water & oil under -20°C - 100°C
	EPDM	Resistant against: heat, freeze. chemical reagents depend. Suitable for water under -30°C -180°C
Cup Gasket	Viton	Resistant against: heat, oil, reagents, medicine, acetone. Suitable for high temperature. Hydraulic equipment and vacuum equipment suitable for erosive medium under -30°C – 200°C
O Ring	MVQ	Resistant against: ozone aging merely aging ocetum, ammomia ethanol. Suitable for medium -50°C – 210°C
	ECO	Resistant against: Freon, Petral. Suitable for medium -20°C - 140°C
Retainer Drive Ring Spring Spring Seat	SUS304 SUS316	Resistant against: abrasion, antirust of feature