



MECHANICAL SEALS

DUBLIN

+353 (0)1 427 7900

CORK

+353 (0)21 500 3555

abbeyseals.ie

Mechanical Seals

We stock a comprehensive range of Mechanical Seals across all the major product types. There are a multitude of sizes and materials available.



PARALLEL SEALS

The Abbey Seals Parallel mechanical seals are robust, general purpose, parallel spring, seals, to suit standard metric and imperial housing dimensions, which are commonly found in the marine and textile industries.



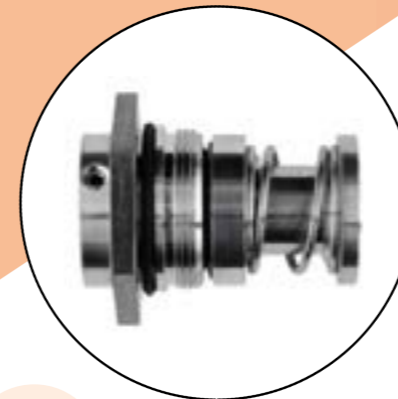
WATER PUMP SEALS

Abbey Seals supply a substantial range of cost effective and dependable water pump seals, which are commonly utilised in high volume commercial, domestic, and industrial water systems. These seal types serve applications such as swimming pools, spa pools, shower pumps, central heating systems, irrigation, and light fluid duties. Seal performance and life is frequently compromised by the nature of these applications and the fact that water is a poor lubricator of seal faces. As such, our standard stock product as shown on the following pages, incorporates superior seal face materials. That is our ethos, focusing upon seal performance. We can also manufacture and supply to enquires in more competitive standard materials



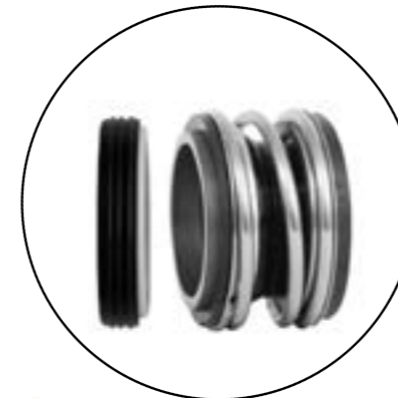
SEATS

Our range of mechanical seal Seats consists of a stationary seat and a rotating head. The head rotates with a pump shaft while the seat is statically sealed to a non-moving cover. The stationary part of the seal is the non-rotating primary seal ring mounted in the gland plate, pump housing or other motionless structural part of the rotating equipment.



OEM REPLACEMENT PUMP SEALS

OEM Replacement Pump Seals are an integral part of maintaining your machinery and pumps. It is important to have replacement parts for pump seals on site and Abbey Seals stock a variety of standard sizes and can also custom make to suit most requirements



BELLOWS SEAL

Abbey Seals offer an extensive range of bellows seals, suitable for any application, via the vast range we hold in stock. If you have a requirement beyond that we are happy to manufacture your exact requirement. Bellows seals are recommended for applications with media containing solids and for hygienic applications, due to their non-clogging, self-adjusting and robust design. These very dependable seals are also customisable, as they can be specially produced to any working length and seat housing configuration. Suitable for pumps, mixers, agitators, compressors, and other rotary shaft equipment.



DIAPHRAGM SEALS

Abbey Seals' Parallel Spring Diaphragm Type Seals are highly proficient and widely utilised, covering all standard pump shaft, working length and housing size ranges. The parallel spring family range of designs are ideal for a wide spectrum of application conditions, ranging from general duties through to more demanding applications, through their accommodating Single Springs and elastomer Diaphragms. The seals are highly effective and widely used in pumps, mixers, agitators, compressors, and other rotary shaft equipment.



CARTRIDGE SEAL

Abbey Seals supplies a range of spring cartridge seals, including single and double mechanical seals to suit the most demanding applications. Cartridge seals consist of a modular design, balanced, multiple spring, O-ring mounted seal, with various bolt holes and flush port combinations. Their construction eliminates the need to measure and set spring compression and having a mechanical seal pre-assembled means that the seal faces are protected from damage during installation.



CONICAL MECHANICAL SEALS

The Conical Spring 'O'-Ring Mounted Type Seals offered by Abbey Seals are extremely popular seals. These robust, technically proficient seals are designed to suit DIN and common, standard housing dimensions.



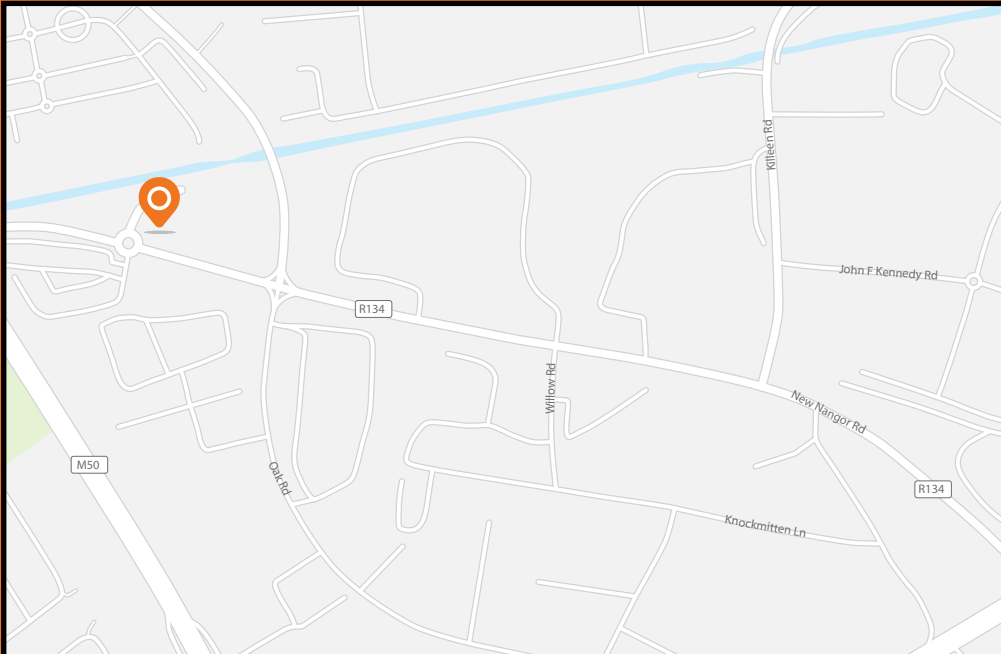
BALANCED DIAPHRAGM

Our Balanced Diaphragm Seals range offer superior design and performance compared to market alternatives. This has been achieved by superior face materials and innovative patented design features. The Balanced Diaphragm Seals family includes a bellows disk as a standard design feature. This component provides radial support to the bellows. It ensures the bellows; shaft do not contact. Without the disk, the bellows IDs would be close to the shaft and can be problematic. This is due to bellows extrusion and shaft contact, friction.



WAVE SPRING

Our Wave Spring Range of Bi-directional mechanical seals offer proven seal design and wave spring technology, in a range of material combinations, enhanced by superior design features, all at extremely competitive pricing.

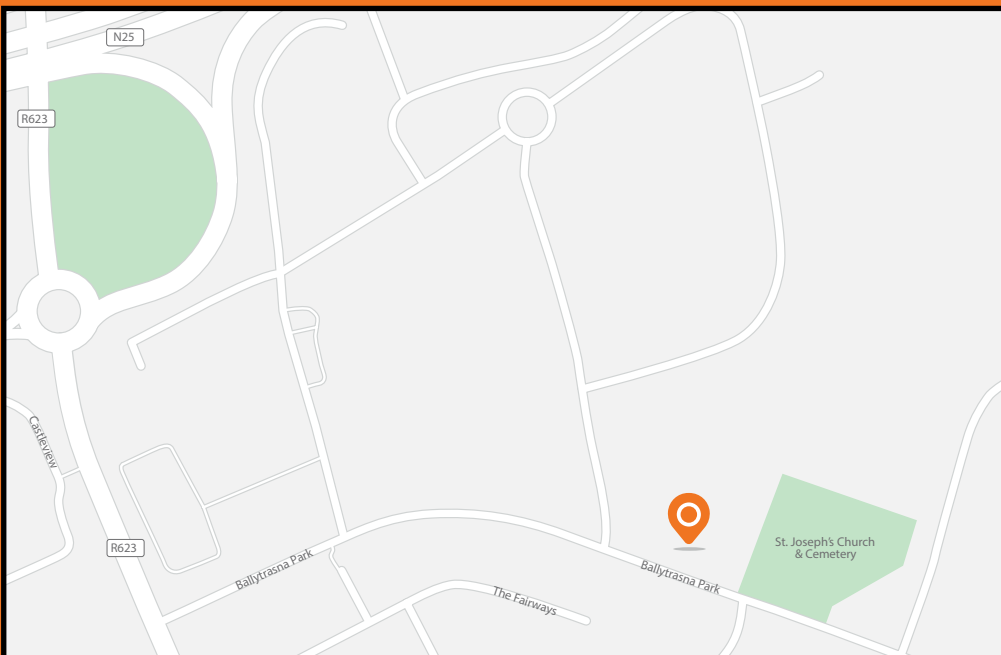


DUBLIN

Unit B1,
Nangor Road Business Park,
Nangor Road,
Dublin, D12 TNY6, Ireland

T: +353 (0)1 427 7900

E: dublin@abbeyseals.ie



CORK

31A Euro Business Park,
Little Island, Cork,
T45 X310, Ireland

T: +353 (0)21 500 3555

E: cork@abbeyseals.ie