

# AbbeySeals

THE SEAL SPECIALISTS



MADE IN IRELAND

■ SEAL MANUFACTURERS

■ DISTRIBUTORS

■ GASKET CUTTERS

## PRODUCT PORTFOLIO




**DUBLIN**

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**abbeyseals.ie**



**Established in 1983, Abbey Seals International Ltd is an Irish owned, second generation family run business based in Dublin and Cork. With over 30 years' experience, we have grown to be one of the most successful and proficient companies in this sector, not just within Ireland but also internationally.**

Abbey Seals Xpress is our express in-house manufacturing service for seals and gaskets in Cork and sealing products in Dublin, using only the highest quality materials.

In fact, we are the only company in Ireland who can manufacture such a comprehensive range of products promptly and ship the same day worldwide.

We represent the world's leading manufacturers, keeping us at the cutting edge of seal and gasket design and material development.

Our customer base is as diverse as our product range and with over 40,000 products in different sizes and materials available to ship on a next day service.

**Abbey Seals International Ltd. supplies and manufactures sealing products for all sectors of industry, included but not limited to:**

- Food & Beverage
  - Pharmaceutical
  - Chemical Processing
  - Automotive Manufacturing
  - Hydraulic Cylinder Manufacturing and Repair
  - Pump Manufacturing and Repair
  - Oil & Gas Renewable Energy
  - Medical Devices
  - Water Treatment Plants
- and many, many more!***



# PRODUCTS

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## O-RINGS

Thousands of metric and imperial sizes O-Rings are available ex stock in materials such as NBR, EPDM, FKM, Polyurethane, Silicone, PTFE, FDA approved and compliant materials, PERLAST®, ISOLAST®, KALREZ® & SIMRIZ®. We also stock a full range of back up rings manufactured from NBR, PTFE, Polyurethanes and Polyester.



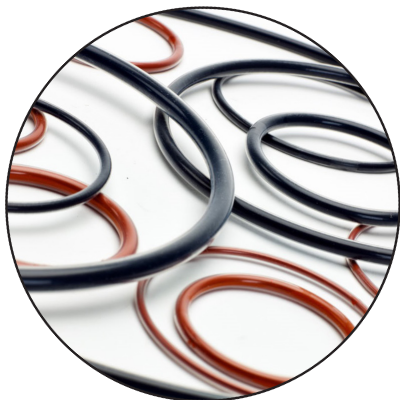
## O-RING CORD

Stocked from 1mm section to 35mm section in a NBR, FKM, EPDM Sponge, Silicone, Silicone Sponge, Translucent Silicone, Neoprene Sponge and Polyurethane. We can also supply metal detectable materials for food and pharmaceutical applications.



## EXTRUSIONS

We stock a wide selection of profiles of flexible self-grip seals, caravan window seals, and glazing seals for use in agriculture, automotive, glass & glazing, construction, transportation, and engineering. Range of materials includes NR, EPDM, NBR Nitrile, PVC, TPR, FPM & PU.



## FEP/PFA O-RINGS

Manufactured with Viton® or Silicone cores in FEP or PFA jackets. Used widely in food & beverage, pharmaceutical and chemical processing.



## QUAD RINGS

Full range of BS sizes with cross sections 1.78mm, 2.62mm, 3.53mm, 5.34mm & 6.99mm stocked in NBR, FKM, EPDM & Silicone.



## MECHANICAL SEALS

We stock a full range of single spring mechanical seals to suit metric and imperial shafts for a multitude of pumps and motors. Face materials include carbon, ceramic, silicon carbide, tungsten carbide & stainless steel. Boots and O-Rings are supplied in NBR, FKM, EPDM, PERLAST®, ISOLAST®, KALREZ® & SIMRIZ®. We also supply a full range of cartridge seals to suit all applications with multiple face combinations.



### **ROTARY SHAFT OIL SEALS**

We stock thousands of sizes of oil seals for rotating shafts. Profiles include single lip, double lip, dual sprung, open, and closed metal cased, high pressure seals & cassette seals for 4WD vehicles in NBR, FKM, PTFE & Silicone. We also supply bespoke seals with stainless steel cases and various PTFE compounds and lip configurations used in food & beverage and pharmaceutical processing industries.



### **PNEUMATIC SEALS**

Metric and imperial rod wipers, damper seals, rod seals, piston seals and complete piston seals. Stocked in NBR, FKM & Polyurethane



### **BONDED WASHERS & FLANGE SEALS**

Metric and imperial self centering and standard bonded washers are stocked in NBR, FKM, & EPDM and mild steel or stainless steel. Polyurethane high pressure flange seals are ex stock for SAE J18 flange fittings from 1/2" up to 2".



## **SEAL MANUFACTURING**

Our CNC Lathes have over 600 pre-set profiles and the ability to create new custom profiles for seals & O-rings. We can machine parts up to 600mm OD. Range of materials available include FDA compliant Polyurethane, NBR, FDA approved Viton®; Silicone & EPDM, Bronze filled PTFE, Virgin PTFE and much more. We pride ourselves on our same day production service.





## GASKET MANUFACTURING

We manufacture gaskets from non-asbestos sheeting, graphite, rubber, cork, sponge and PTFE and expanded PTFE for food & beverage, pharmaceutical processing, petroleum, industrial and manufacturing industries. We provide a same day production service with no tooling charges.



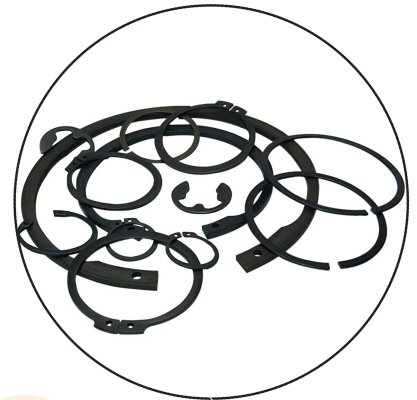
### V-RINGS

Flexible axial lip seals mounted directly on the shaft to seal against roller bearings, thrust washers and shaft collars etc. stocked in A, S, L, E & AX profile in NBR & FKM materials.



### HYDRAULIC SEALS

We carry a full range of rod wipers, rod seals, piston seals and rod & piston bearings in metric and imperial sizes. High specification materials for cylinders used in agricultural, off-road heavy plant, forestry, and access equipment. We offer a huge selection of complete cylinder seal kits for a vast array of equipment and can build specific kits to customer specifications.



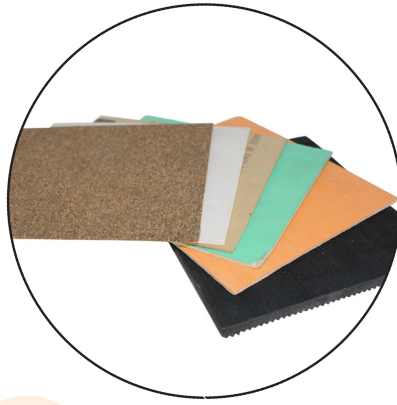
### CIRCLIPS

Internal and external circlips are stocked in carbon spring steel and stainless steel.



## HYGIENE & SANITARY

For Clamps and fittings in the food & beverage, pharmaceutical, chemical processing, and dairy industries. Triclover®, SMS, RJT, DIN & Camlock available in FKM, EPDM, Silicone, PTFE, FDA compliant & approved and metal detectable materials.



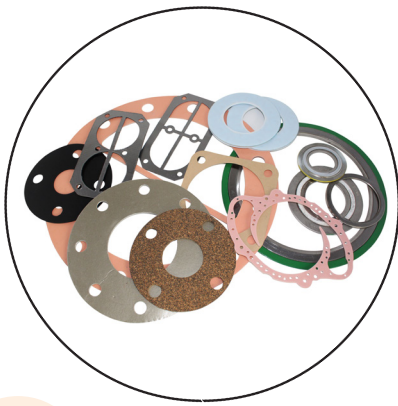
## SHEETING & MATTING

We stock a full range of sheeting and matting in adhesive and non-adhesive backed sheets and rolls. These can be cut to specific sizes and lengths in house. Sheeting materials include Nitrile, Neoprene, Viton®, Nitrile Cork, Rubber Insertion, PTFE, expanded PTFE, Polyurethane, Butyl, Hypalon, White food grade and Paragum. We also supply a range of anti-fatigue matting and animal mats.



## DU & DX STYLE BUSHINGS

Metric and imperial sizes of both DU & DX style bushes



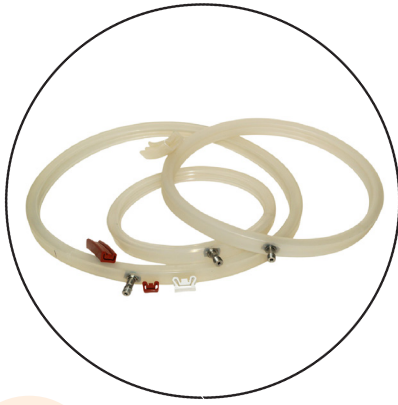
## GASKETS

We manufacture gaskets in a wide range of materials for all industries. We also stock a large quantity of Metallic gaskets including Spiral Wound, Kammpprofile, CMG & Ring Joints.



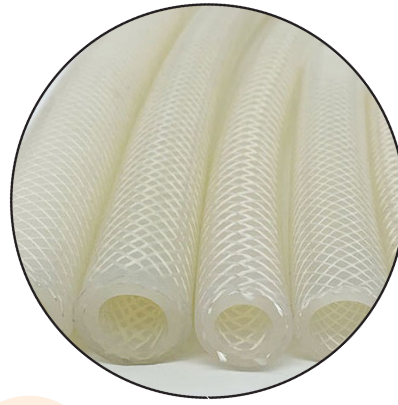
## BRAIDED PACKINGS

Packings for valves, rotary & reciprocating pumps. Temperature resistant, extrusion proof, low friction, and non-corrosive. PTFE Glass, PTFE Graphite, Aramid & expanded Graphite. Supplied in coils or pre-cut rings.



## INFLATABLE SEALS

Inflatable seals are available in NBR, FKM, EPDM, Silicone FDA Materials and Perfluoroelastomers. Used widely for sealing sliding doors, pharma-copia environments and food processing to prevent contamination.



## TUBING

Tubing is stocked in silicone or braided reinforced materials. Also available in food and pharma grades. We also supply T sections, U sections, P sections, D&D hollow sections.



## FLANGE GUARDS

FlangeGuard solutions from Adept HSG reduce risk of hazardous spray-out by diffusing and condensing vapours & liquids into a safe drip. Available in SUREBAND steel, a stainless-steel outer band and inner, multi-layered mesh & in SUREBAND Clear, a 100% ETFE & ECTFE it contains no fibreglass, ensuring a considerably longer life span.



## BONDLOC INDUSTRIAL ADHESIVES

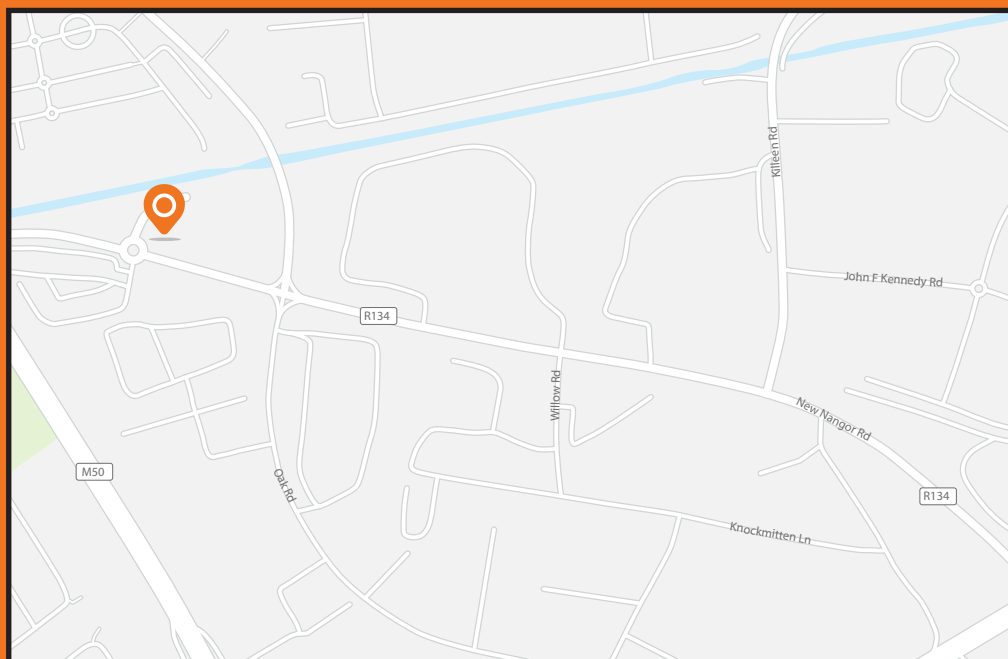
Adhesives and sealants for engineering, automotive, marine, off road heavy plant and agricultural applications.



## BOILER MAINTENANCE

Door joints, webbing tape, rope lagging, packing sleeves, gauge glass tubes and cones.





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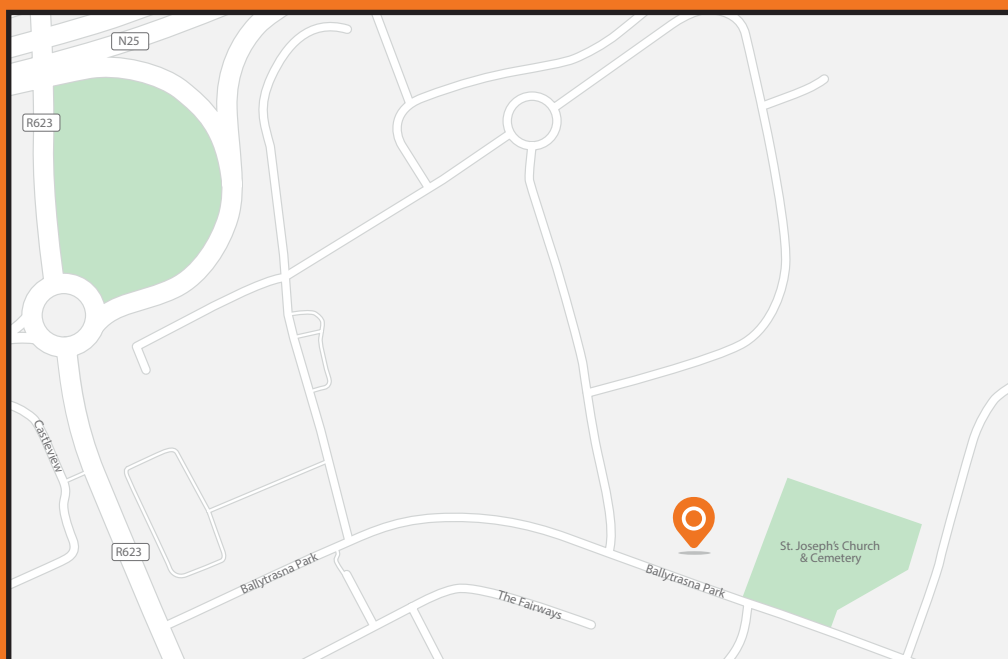
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