ENGINEERED TO STANDARD

Food, Beverage and Dairy
Mechanical Seals
Food, Beverage and Diary Type Seals

- Comprehensive range of direct replacement seals to suit all common / widely utilised pumps.
- Manufactured to our exacting highest standards, utilising the highest quality materials.
- Seals can be retrofitted, as direct design replacements, to original O.E.M Pumps without modification.
Food, Beverage and Diary Type Seals

Materially Compliant Seals
We offer all common food and dairy seals, specified and specifically manufactured to be compliant with F.D.A and E.C Food Industry Regulations.

Material Guidelines
Materials are specified to comply firstly with Part 177 of Title 21 of the Food and Drugs Administration Regulations for safe use as articles or components of articles for producing, manufacturing, processing, preparing, treating, packing, transporting or holding food, in accordance with FDA regulation 21. CFR.177.1550 and 177.2600

The sub-group Mechanical Seals of the European Hygienic Engineering & Design Group (EHEDG) Specification, of August 2002, stipulates requirements for component materials of Mechanical Seals which come into contact with food.
Type 50

Type 50 Seals suit Inoxpa Prolac® Pumps
Range of seals available to suit both single and double seal arrangements for Inoxpa Prolac® Pumps. Both single and double types of Seals are of a unique design to directly replace the original seals, without any modifications to these pumps.

Mechanical Seal is required. This seal is also utilised as the internal seal in double, cooled seal arrangements.

All Type 50 Seals are supplied as standard with Viton® ‘O’-Rings, if other materials are required please advise at time of order.
**Type 9x**

**TYPE 9x SEALS TO SUIT VARIOUS ALFA LAVAL® PUMPS**

UK Seals supply a complete range of Mechanical Seals to suit CMx, EMx, FMx, and GMx series pumps, as well as MR and LKH series pumps.

Type 91 22mm complete seal, designed to suit pump models CM1A, CM1B, CM1C, CM1D, EM1C and EM1D.

Type 91B 22mm complete seal, designed to suit pump models FM0, FM0S, FM1A, FM1AE, FM2A, FM3A and FM4A.

Type 93 22mm complete seal, designed to suit pump models MR166A, MR166B and MR166E.

Type 93B 22mm complete seal, designed to suit pump model ME155AE, GM1, GM1A, GM2 and GM2A.

Type 92 32mm complete seal, designed to suit pump models LKH5 through to LKH60 with single or flushed seals fitted. Type 92D 32mm complete double seal also available.
Type 19C

MECHANICAL SEALS TO SUIT ALFA LAVAL® EQUIPMENT
UK Seals supply mechanical seals to suit the Alfa Laval® ALC, ALP and other Alfa Laval® pump and equipment ranges.

UK Seals supply modified Type 19 style seals to suit Alfa Laval® ALC series pumps, commonly utilised in food and dairy processes. Type 19C is available from stock in all three common elastomers, as well as FDA/E.C. Regulation compliant materials.
Contherm Replacement Seals

MECHANICAL SEALS TO SUIT ALFA LAVAL CONTHERM® DRYER SEAL SYSTEM

1.1/2” FLUSH SINGLE
2” NONFLUSH SINGLE
SHELLEND
2” FLUSH SINGLE 180/90

All components are supplied as standard with Nitrile ‘O’-Rings, if other materials are required please advise.

SHELLEND 2.000” Outer shaft rotary head, with inserted tungsten carbide face.
SHELLEND.CARB 2.000” Outer shaft rotary head, with inserted carbon face.
SHELLEND.COIL Spring to suit 2.000” Outer shaft rotary head.
2”FLUSH SINGLE 2.000” Outer shaft collet, with chrome dioxide coated running face.
1.1/2”.SHELLEND 1.1/2” Inner shaft rotary head, with inserted carbon face.
1.1/2.SHELLEND.COIL Spring to suit 1.1/2” inner shaft rotary head.
1.1/2”FLUSH SINGLE 1.1/2” Inner shaft bush, with chrome dioxide coated running face.
2”NONFLUSH SINGLE 2.000” Outer shaft collet, with chrome dioxide coated running face.
TYPE 26 SEALS TO SUIT APV PUMA® PUMPS

UK Seals supply seals to suit APV Puma®, including all associated components commonly used on the 1.000” and 1.500” shaft Puma® pumps.

Every seal, seat and gasket component, used on the range of these pumps, is available ex-stock, in all common face and elastomer materials.
The APV W® and APV W+® pumps have been introduced to replace the APV Puma® pumps. UK Seals supply a complete range of mechanical seals designed to suit APV W® and APV W+® pumps, in single and double configuration.
UK Seals supply a wide range of mechanical seals designed to directly replace all other common APV® pump seals. We are continually extending this range, if what you require is not shown in this brochure, then please ask.

Type 29, suitable for APV® ZMA, ZMB, ZMD, ZMS, ZMH & ZMK “Rosista®” and “Pasilac®” pumps.

Available with carbon rotary face vs. stainless boot mounted seat as standard, or with hard silicon carbide faces, in all standard elastomers.
Type 29x

TYPE 295 SERIES SEALS TO SUIT APV® PUMPS

Type 295
Wave-spring seal for 48mm shaft size, suitable for APV® ZMS-5 pump. Rotary unit has inserted carbon rotary face, with a monolithic stainless steel pinned-seat.

Type 292
Bearing face kits, for 1.1/8” shaft size, suitable for APV, Osborne Craig® mixers. The bearing seat is monolithic carbon, with the bearing being monolithic ceramic.

Further types for APV® pumps
UK Seals also supply mechanical seals to suit APV®, ZMS410 and ZM8-610 pumps. Type 294 repair kits for APV Howard® Cleanline R900® wave-spring seals, in single or double arrangement, consisting of rotary face with ‘O’-Ring, stationary face with elastomer boot, and a wave spring, are available usually from stock.
Type 66 & 1644

Type 66
A simple, 1.0” shaft size rubber encased, single-spring seal for use in several common food and dairy equipment applications.

Type 1644
Type 1644 rubber-encased multi-spring seal, for use in the food, beverage and dairy industries applications. Available with Ni-Resist seal face and carbon seat-ring. Nitrile elastomers, other material combinations available to special order.
UK Seals supply a range of face repair kits and barrels to suit MOG® and ALP® pumps. Available with inserted carbon or silicon carbide faced rotary heads, and monolithic stainless steel, or inserted silicon carbide pinned seats as standard, with inserted tungsten carbide faces available to order. Repair kits comprise of rotary head with ‘O’-Ring and wave-spring, with seat and ‘O’-Ring. The barrels to complete the rotary unit are available as separate items. Other shaft sizes are available to suit APV® Howard CL® pumps.
Food and Dairy Industry Seals

Further Types for the Food and Dairy Industries

UK Seals offer an exceptional range of mechanical seals specifically for the Food and Dairy Industries, and this range is constantly under further expansion.

For example, repair kits to suit Maso-Sine® SPS pumps, consisting of ceramic rotary face with ‘O’-Ring, pressure ring and double-wave spring, together with carbon, ‘O’-Ring mounted seat.

If you require details of these, or any other application not illustrated here, please ask.
Food and Dairy Industry Seals

XX08/12 INBOARD ROTARY  XX06/61 INBOARD STAT  XX01/1 Collet  XX05/6 OUTBOARD STAT  XX06/12B OUTBOARD ROTARY

3001/1 and 3501/1 Arrangement
Seals to suit Fristam Pump Applications

3001/2 and 3501/2 Arrangement

XX08/12 INBOARD ROTARY

XX01/2 Collet

XX06/12B OUTBOARD ROTARY
Seals to suit Fristam Pump Applications

2201/2 Collet Arrangement

2208/12 INBOARD ROTARY
2206/61 INBOARD STAT
2201/1 Collet
2205/6 OUTBOARD STAT
2206/12 OUTBOARD ROTARY

EASTERN SEALS
GLOBAL SEALING PROVIDER
T: +44 (0)1670 840529 | F: +44 (0)1670 840644
E: sales@easternseals.co.uk | W: www.easternseals.co.uk

UK SEALS
UK SEALS & POLYMERS LTD
T: +44 (0)1388 722817 | F: +44 (0)1388 722825
E: sales@ukseals.co.uk | W: www.ukseals.com
Seals to suit Fristam Pump Applications

2201/3 Collet Arrangement

2208/12 INBOARD ROTARY
2206/61 INBOARD STAT
2201/2 Collet
2204/9 CARBON BUSH
2205/6 OUTBOARD STAT
2206/12B OUTBOARD ROTARY

Eastern Seals
Global Sealing Provider
T: +44 (0) 1670 840529 | F: +44 (0) 1670 840644
E: sales@easternseals.co.uk | W: www.easternseals.co.uk

UK Seals
UK Seals & Polymers Ltd
T: +44 (0) 1388 722817 | F: +44 (0) 1388 722825
E: sales@ukseals.co.uk | W: www.ukseals.com
Seals to suit Fristam Pump Applications

2208/12 INBOARD ROTARY

2206/61 INBOARD STAT

2201/4 COLLET

2201/4 Collet Arrangement
Thank you

For more information on our products and services please get in touch