



# Vulcan Seals Type XX11

## Fristam®

### Technical Data Sheet



#### Product Description

The Vulcan Seals Type XX11 Fristam® are direct replacement seal repair kits to suit Fristam® FK and FL- series rotary lobe pumps. This distinctive seal design is unique to this series of pumps. The Vulcan Seals parts are interchangeable with the originals to assist maintenance on these now obsolete but durable pumps.

The Vulcan Seals XX11 Fristam® is a kit that includes two sets of seal faces, seal 'O'-rings, shaft 'O'-ring and lobe seals. Only one part needs to be ordered to repair both seals and shafts in each pump. If a complete seal unit is required containing all the metal components as well as seal faces please see the Vulcan Seals Type XX10 Fristam®. If a repair kit including the lip seals for a flush pump is required, add an "F" character after the final digit, so "Y-3011/3.VIT" would become "Y-3011/3F.VIT".

#### Why Choose the Vulcan Seals Type XX11 Fristam®?

It is a direct replacement design to suit the original equipment, produced to Vulcan Seals' manufacturing standards. The kits contain parts to repair two seals, so only one repair kit is required for each pump repair.

#### Pump Ranges

The Fristam® pump model includes the following pump ranges: "FK", "FKF", "FL", "FLF" and "FLFN" range, sizes 55, 75, 100 or 130 as per table above.

#### Compliance & Certificates



The Vulcan Seals mechanical seal range can be supplied with material combinations designed to meet the compliance standards and certifications listed above. Additional compliance or regulatory requirements can also be considered upon request. Please enquire to discuss your specific application.

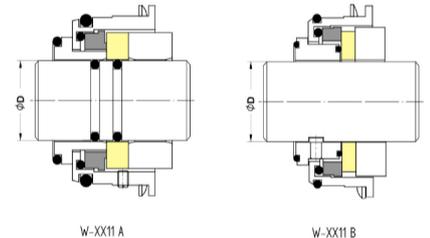
#### Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Material Code
EP FDA	VCD1 Carbon	316 Stainless Steel	316 Stainless Steel	Y-XX11/3
EP FDA	VTN1 Tungsten Carbide	VTN2 Tungsten Carbide	316 Stainless Steel	Y-XX11/2
Viton™/FKM FDA	VCD1 Carbon	316 Stainless Steel	316 Stainless Steel	Y-XX11/3.VIT
Viton™/FKM FDA	VTN1 Tungsten Carbide	VTN2 Tungsten Carbide	316 Stainless Steel	Y-XX11/2.VIT

#### Dimensional Data

DØ (Metric)	Seal Size Code	OEM Ref.
20.00	2011	FL550, FLF550, FL551, FLF551
31.00	3011	FL750, FLF750, FL751, FLF751
38.00	3811	FL1000, FLF1000, FL1001, FLF1001
52.00*	5211	FL1300, FLF1300, FL1301, FLF1301

Dimensions in mm  
\*Non-stock guarantee



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\*\* All dimensional and identification information shown is given in good faith and is based on extensive experience gained in business. Performance data is not provided for this product range based on the Vulcan Seals design being a replacement of, or an improvement on, a design that has originally proved suitable for the equipment and service concerned.