

Hollex Seal

The Hollex seal has a new design. It is used with water lubricated sterngear installations. It works according to an entirely different principle than conventional seals. It seals axially, that is to say along the length. A sliding ring made of high quality stainless steel is mounted onto the shaft. It rotates with its smoothly polished surface against a P.T.F.E. counter sliding ring. This counter sliding ring is mounted in a vesconite housing, which is suspended flexibly in a rubber bellow. Due to the relatively small sealing areas only minimal radial movement is allowed, especially with the smallest diameters. Therefore the Hollex seal must always be installed as close to the fore bearing as possible. With its low frictional resistance, the life span of the Hollex Seal is much longer than that of a conventional seal. There will be no grooves due to the wearing of the packing or the lip seal, so the shaft can rotate freely.

Shaft diam.	D (mm)	S (mm)	L (mm)	Max. shaft rpm	Cat. no.
25	45	60	230	3000	8000025
30	60	60	250	3000	8000030
35	60	60	250	2250	8000035
40	60	60	250	2250	8000040
45	80	60	250	1640	8000045
50	80	60	285	1640	8000050
55	90	60	320	1430	8000055
60	90	60	310	1430	8000060
70	115	75	350	1180	8000070
80	115	75	350	1180	8000080
90	135	65	390	930	8000090
100	135	65	390	930	8000100
110	165	73	415	780	8000110
120	165	73	415	780	8000120

Tides Marine Series One Seal

The Series One seal by Tides Marine is applicable for water lubricated sterngear systems. This seal is made of high quality composite material, that will not absorb water and handles temperature changes well. A water inlet is fitted as a standard on the Series One. The seal should be lubricated by the engine's cooling water. The high flexible bellow will follow any shaft movement. The actual sealing is done by one lip seal.

Shaft diam. (mm)	For sterntube diam. (mm)	Cat. no.
25	45	ONE25M45MM
30	45	ONE30M45MM
30	63	ONE30M63MM

Tides Marine SureSeal

For Single Engine Installations

The Tides Marine SureSeals are suitable for water lubricated sterngear installations. This seal is made of a high quality composite material, that is very durable and will not absorb water. The material handles temperature changes well. The SureSeals have high flexible bellows and come with a water inlet fitted as a standard. The seal should be lubricated by the engine's cooling water. As the SureSeal, a special Carrier kit can be slipped onto the shaft. These units allow lip seal replacement to be performed without releasing the shaft from the transmission. And, if necessary, this replacement can be done while the vessel is in the water. SureSeals are ABS and Lloyd's approved.

Shaft diam. (mm)	For sterntube diam. (mm)	S (mm)	L (mm)	Cat. no.
35	60	50.8	198.6	FSKM35M60M0
40	60	50.8	198.6	FSKM40M60M0
40	64	50.8	198.6	FSKM40M64M0
45	79	50.8	198.6	FSKM45M79M0
50	76	52.0	198.6	FSKM50M76M0
50	79	52.0	198.6	FSKM50M79M0
60	89	52.0	204.7	FSKM60M89M0
70	114	52.0	204.7	FSKM70M114M0

For Twin Engine Installations

This SureSeal unit has exactly the same abilities and advantages as the SureSeal for single engine installations, only this SureSeal is supplied with two water injection points. One inlet is for the supply of cooling water from the engine, and one inlet is used to connect the seal to the second seal on the second sterngear installation. When only one engine is running, both seals will remain lubricated.

Shaft diam. (mm)	For sterntube diam. (mm)	S (mm)	L (mm)	Cat. no.
45	79	50.8	198.6	FSKM45M79M1
50	76	52.0	198.6	FSKM50M76M1
50	79	52.0	198.6	FSKM50M79M1
60	89	52.0	204.7	FSKM60M89M1
70	114	52.0	204.7	FSKM70M114M1

STB Seal EVO

This flexible seal is used in water lubricated sterngear installations and has its own waterinlet. This seal also has a grease supply tip to lubricate the lipseal. The seal consists of a flexible rubber socket and a hose clamp. Including a tube of "stuffy grease" and a water inlet.

Ø A	Ø B	C	Cat. no.
25	42	60	15STB25E
30	48	60	15STB30E
35	54	70	15STB35E
40	60	70	15STB40E
45	64	80	15STB45E
50	70	80	15STB50E

STB Seal

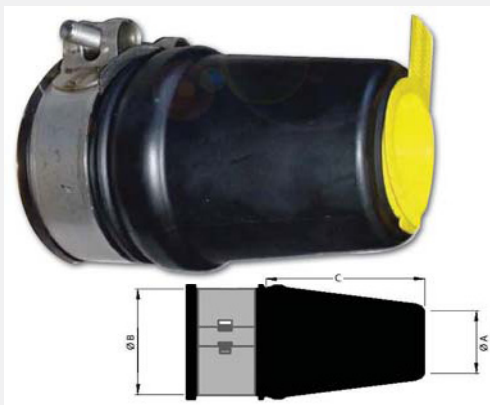
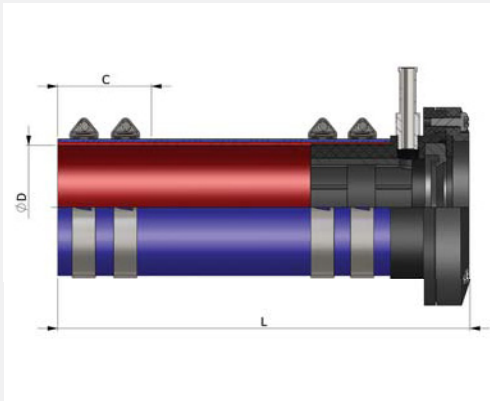
This flexible seal is used in water lubricated sterngear installations. The seal consists of a flexible rubber socket and a hose clamp. Comes complete with yellow protection sleeve for the seal and a tube of "stuffy grease".

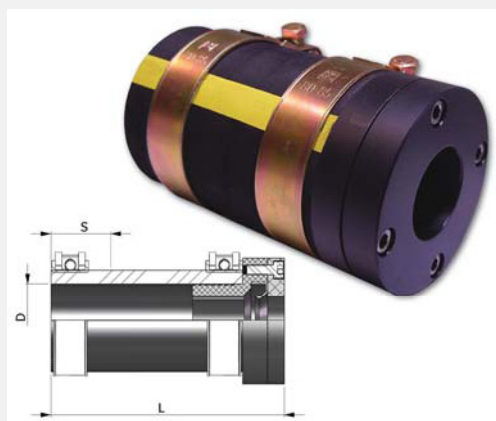
Ø A	Ø B	C	Cat. no.
25	42	60	STB25
30	48	60	STB30
35	54	70	STB35
40	60	70	STB40
45	64	80	STB45
50	70	80	STB50

Water / Grease Lubricated

Exalto Bronze Stuffing Boxes

These bronze stuffing boxes are standard accessories and can be used on water lubricated and grease lubricated sterngear installations as well as rudder installations. Since this type of stuffing box is not flexible, a bearing directly behind the stuffing box is required. All stuffing boxes are supplied complete with lubricant inlet fittings, self lubricating Rameh packing and a packing pusher.





Exalto Grease Flexseal

The Exalto grease flexseals are used with grease lubricated sterngear. Due to the rubber bellow, grease flexseals are able to absorb little/small radial movements of the shaft. Therefore the use of a bearing directly mounted after the seal is unnecessary.

Shaft diam. (mm)	D (mm)	S (mm)	L (mm)	Cat. no.
25	45	30	140	75501EX
30	45	30	140	75502EX
35	60	30	150	75503EX
40	60	30	150	75504EX
45	75	35	155	75505EX
50	75	35	155	75506EX
60	90	40	185	75508EX
70	90	40	185	75510EX



Carco Seal

Carco lip seals are applied in almost every sterntube system, regardless of the lubrication. Lip seals are only applicable with housing, because lip seals are always mounted by means of axial confinement. They are treated with the brandname Carcoflon coating. This seals the gap perfectly, they are self-lubricating and have a very low friction coefficient. The axial tension is provided by the built-in stainless steel spring.



Carco Seal - Split

Carco lip seals are applied in almost every sterntube system, regardless of the lubrication. Lip seals are only applicable with housing, because lip seals are always mounted by means of axial confinement. Uniquely, these seals are also available in a "split" version. This simplifies maintenance, because the propeller shaft installation does not need to be dismantled. With this design the rubber at both ends are a little softer with a guarantee to a perfect closure of the lip seal. Carco lip seals are treated with the brandname Carcoflon coating. This seals the gap perfectly, they are self-lubricating and have a very low friction coefficient. The axial tension is provided by the built-in stainless steel spring.