

# SureSeal™ Self-aligning Shaft Seals

With over 50,000 units sold, SureSeal™ self-aligning shaft seals are used by more US and European pleasure boat builders than any other. The new SureSeal™ Series Shaft Seals has redefined the standard, offering numerous design and performance improvements.

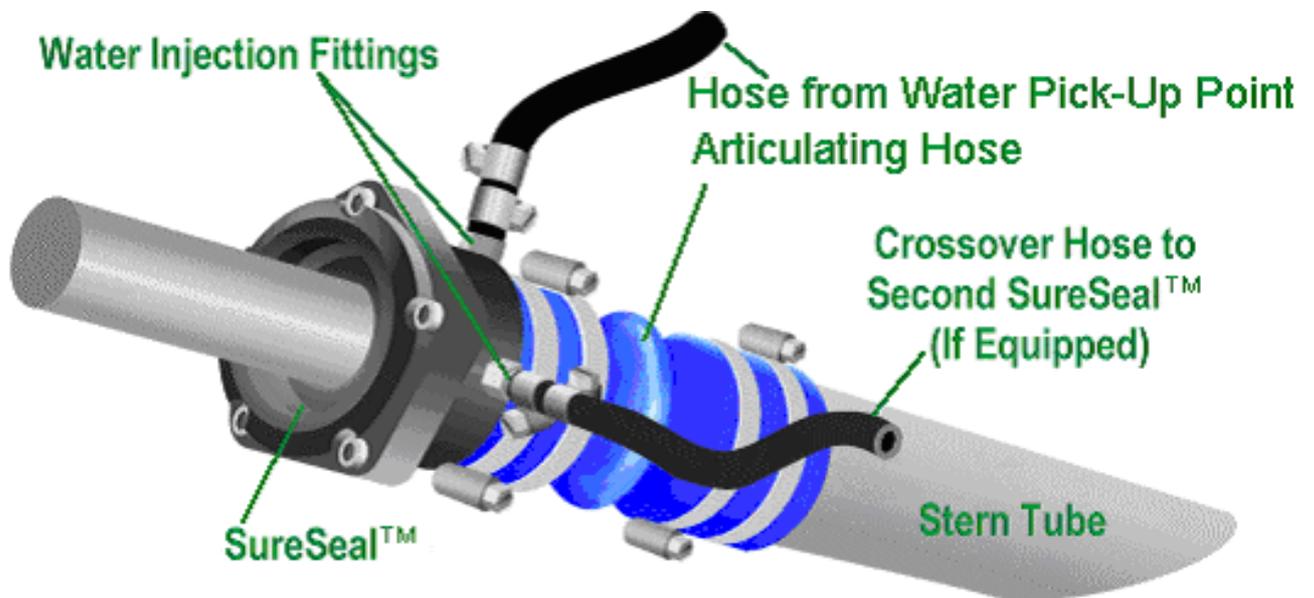
Key components/features of the new SureSeal™ include:

**Housing-** Made from a new fiber-reinforced composite material, the housing is stronger, smaller and more durable than its predecessor. Dimensionally unaffected by temperature changes, the SureSeal™ will not absorb water.

**Bearing-** The integral PTFE bearing extends the useful operating life of the SureSeal™

**Hose-** Connecting the SureSeal™ to the boat has been made easier via an all new "articulating" hose. Matched to each housing size, the hose design positions the unit relative to the stern tube so that the required operating clearance is achieved without measurement (simplifying installation). This new hose greatly reduces the side loads to the SureSeal™ when shaft misalignment occurs (as much as 1/4" in any direction), extending lip seal and bearing life.

**Hose Clamps-** The hose clamps themselves are an improved design which won't tear or mar the hose surface, require less tightening force and adjust to the changes in the hose diameter caused by variations in temperature and pressure.



**Seal Replacement-** The new design incorporates a removable front cap which allows access to the lip seal making it easier to remove and replace, especially in "cramped quarters".

Spare Seal Carriers were developed as a convenient place to store spare lip seals. Installed at the same time as the SureSeal™, these units allow lip seal replacement to be performed without uncoupling the shaft from the transmission and, if necessary, while the vessel is in the water (a haul-out may not be necessary).

The unit is a lightweight, two-piece fiber-filled nylon housing which is clamped to the shaft between the SureSeal™ and transmission coupling. Available in both Imperial and Metric sizes, units up to 1 3/4"(44mm) include one spare seal, 2"(51mm) and larger have two.



**Before Ordering**

To determine which part to order, note your shaft diameter "A" from the diagram below. Confirm that there is sufficient clean smooth shaft space for locating the unit "B" and that there will be a minimum of 1/4 inch clearance between the carrier "C" and any other part of the boat. Contact Teignbridge Sales Department for additional information.

