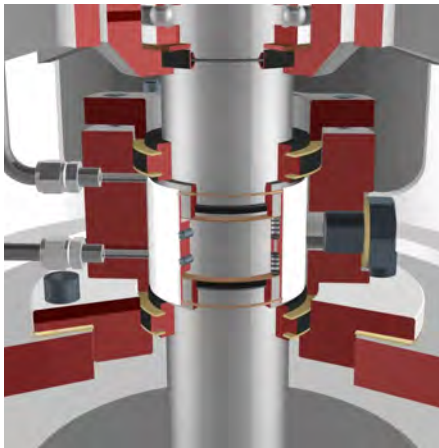


A key feature of the upper seal is the corrosion resistant bearing sleeve. The filter shaft fits inside of the bearing sleeve. Designed to eliminate causes of failure, the seal rides on the bearing sleeve instead of the shaft. Seal induced wear occurs on the sleeve, preventing damage to the more costly filter shaft. Seal options include mechanical seals with or without a stand still, seal lip seals, a stuffing box with or without flushing.

Mechanical Seal

Steri installs mechanical seals from major manufacturer's such as; John Crane, FlowServe, Durametall, Ches-terton and others. The mechanical seal can be customized to fit your project specific needs.



John Crane Type 8

Frequently used mechanical seals:

- Double mechanical seal
- Single dry running seal
- Double mechanical seal with cooling
- Double mechanical seal with debri-well

Seal Pot with optional level switch, pressure switch and pressure regulator. The pot is ASME certified.



Optional Seal Pot

Stand-Still Seal Combined with Mechanical Seal

When dealing with hazardous materials, Steri offers an optional stand-still seal. Combined with a mechanical seal, the stand-still seal is ideal when handling flammable or toxic materials. The stand-still seal provides improved leak resistance duration the filtration step when the filter vessel is filled with liquid. When the filter vessel has been drained and is ready for cake discharge, the stand still seal o-rings are retracted to allow free rotation of the filter nest.

Stuffing Box Seal

Stuffing box seals are suitable for less stringent, moderate pressures and temperatures where non-hazardous materials are used. They offer reduced cost and are easily maintained.