IMPENATRA® SEAL INSTALLATION

Patent No. 4304407

IMPENATRA®

Congratulations! You have just purchased an unprecedented design in corrosive resistant seals. Our Impenatra® seal is unique in both its design simplicity and its application versatility. It incorporates the advantages of thermoplastic technology and marries them with industrial reliability.

To maximize the life of your seal, carefully follow the instructions below.

Caution: Do not compress the carbon graphite part of the seal prior to its installation, as this may dislocate the o-ring and cause seal failure.

1. Disassemble pump according to manufacturer's prescribed procedure. Remove bracket from motor rear and carefully press out the old seal from the rear of the bracket. Do not pry it out from the shaft!

2. Clean all parts (motor shaft, pump parts, o-rings, etc.).

3. Make sure you keep seal faces clean.

4. Apply Gasgacinch®, (a non-hardening gasket sealer), within the pump bracket bore and lightly around the seal canister body. (Do not get Gasgacinch® on rubber washer).

5. Lightly press the new seal, with its rubber washer, into the pump bracket bore until the rubber washer is evenly compressed between the seal collar and the pump bracket.

Caution: Apply the pressure the polypropylene case collar only, never to the carbon. Take care not to dislodge the rubber washer by excessive sealant or pressure. Also, be careful not to touch or damage the carbon graphite face.

6. Insert the ceramic into the impeller so that the unmarked surface will contact the carbon face. **Note:** A thin layer of suitable lubricant around the rubber o-ring will ease installation. **Note:** Glycerin works well (Never use oil or grease on EPDM).

7. Assemble pump (refer to installation and repair manual).

8. Prime the pump and test for proper operation. Never start or run the pump when dry!

9. A short running period may be necessary to properly seat the sealing surfaces.