

PTFE shaft seals for fuel injection pumps

Rotating shaft seals offering optimum performance for all fuel types.

PTFE radial shaft seals for fuel pumps utilize a specially formulated Polytetrafluoroethylene wafer for optimum running with little lubricant and in the presence of fuels. SKF offers a range of PTFE solutions for diesel, gasoline and alternative fuels.

Available applications

All rotating shafts in injection pumps.

A thoroughly tested, long-life solution to sealing needs, the PTFE seals for fuel injection pumps add value by delivering advantages such as:

- Superior chemical resistance against fuels
- Wider temperature range than elastomers
- Low friction and power loss
- Low shaft wear through special PTFE formulations
- High pressure resistance
- All of the above lead to a longer life
- Bi-directional use for positioning the pump on either side of the engine

“State of the art” manufacturing processes are used, that deliver excellent quality and performance. The SKF bonded PTFE seal:

- Eliminates leak paths
- Creates high bond reliability

SKF has a long history of using PTFE for sealing solutions, allowing us to develop the most advanced designs using leading-edge technology. This technology results in a highly economical and effective product. SKF PTFE seals for fuel injection pumps offer the following features:

- Robust design
- Excellent dry-running capability
- High speed capability
- Allows for a damage free installation



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