

# 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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