

PTFE shaft seals

Rotating shaft seals offering optimum performance in extreme temperature and fluid environments.

PTFE radial shaft seals utilize a Polytetrafluoroethylene wafer for dynamic sealing. SKF offers a range of PTFE solutions including bonded and unitized designs.

Available applications

All rotating shafts in engines and transmissions.

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

- Superior chemical resistance for most aggressive oils and fluids
- Wider temperature range than elastomers
- Lower friction and power loss compared to spring loaded designs
- Help to overcome shaft deficiencies due to a long lip lay down
- Reduced shaft wear
- Excellent dry-running capability
- All of the above lead to a longer life

With SKF's advanced manufacturing processes, you get high quality and performance. Our bonded PTFE seal:

- Eliminates leak paths
- Creates high bond reliability

SKF has long experience of PTFE sealing solutions, allowing us to develop advanced designs. Our technology results in a highly economical and effective product, offering the following features:

- Robust design
- High speed capability
- Damage-free installation



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