

SCISSOR SHOE TYPE MECHANICAL SEAL PSL - P4

This type of seal is widely used around the world on external floating roof tanks and is suitable for tanks ranging from 6mtrs to 109mtrs in diameter. This seal is suitable for the majority of crude and refined products, when designed with the correct materials.

The shoe plate is designed to extend into the product to ensure good vapour retention.

- ▣ Gives a good seal even with larger rim spaces and tank roundness anomalies.

- ✿ Nominal rim space of $200 \pm 125\text{mm}$ or for wider rim spaces $300 \pm 225\text{mm}$
- ✿ API 650 Compliant
- ✿ Aromatic service: 100%



Materials:

The shoe plates can be produced in 1.5mm galvanised, 1.2mm 304SS, 1.5mm 304SS or in 316SS. The hanger assembly can be produced in stainless steel 304 or 316 grade; galvanised carbon steel.

The continuous seal can be supplied in the following fabrics;

- 2.4mm PVC Nitrile/Nylon
- 2.4mm PVC Nitrile/Glass
- 0.35mm Laminated Teflon

If you require a specific type not mentioned please ask.

Wax scrapers can be supplied with this type of seal.

- The pantograph seal can be fixed to both a vertical or horizontal rim configuration and this type of mechanical seal will retain its sealing pressure throughout its service life.
- It is also suitable for service where aggressive products are to be stored.