



PantographSeal Ltd

Dynamic Sealing for Floating Roof Storage Tanks

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DUOTIP SECONDARY WIPER SEAL PSL - S2

This type of Secondary seal is rim mounted and suitable for external floating roof tanks, ranging from 8mtrs to 120mtrs in diameter. This seal is suitable for the majority of crude and refined products, when designed with the correct materials.

- ✿ Nominal rim space up to 250mm (bigger rim spaces may require modifications to the pontoon rim)
- ✿ API 650 Compliant
- ✿ Aromatic service: 100% when correct materials are used.



Materials:

Compression plates can be produced from;

1.5mm Galvanised steel

1.5mm Stainless steel (304 or 316 grade)

Clamp bars can be either Channels or Flat bar in 3mm galvanised steel or 2mm stainless steel (304 or 316 grade)

The wiper is Nitrile Rubber Extrusion.

The Membrane can be supplied in;

PU on Nylon (standard 0.4mm thick)

PVC Nitrile on Nylon (standard 1.6mm thick)

Laminated Teflon (standard 0.25mm thick)

- The seal can be fixed to both a vertical or horizontal rim configuration and this type of seal will retain its sealing pressure throughout its service life.
- Can be fitted above any conventional Primary Seal.
- If no vapour barrier membrane is used the seal becomes more rigid and less able to compensate for any tank shell distortion.
- Approximate weight of complete seal 11kg per linear metre.