

# Floating Roof Storage Tank Seals

## Primary Mini Shoe Seal (MSH)

### General Information:

The primary seal mini-shoe (MSH)® is specially designed to be used with floating internal roofs where the rim space is minimal. This seal has the same high quality, durability and sealing ability to the vapours as the primary mechanical scissor shoe seal. However, it is designed to work in narrow spaces between the wall of the tank and the floating roof.

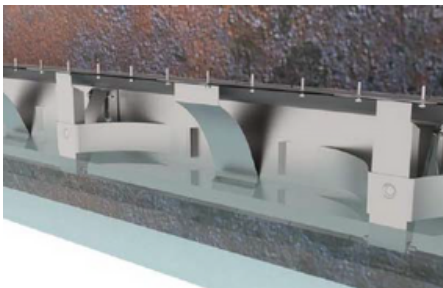
The innovative feature of this seal is the suspended mounting of the mini shoe, which is assembled to the side wall of the roof. This type of seal is adaptable to spaces as small as 2", maintaining its sealing capacity.

Made of low-weight galvanized steel or stainless steel, the min-shoe seal combines superior resistance with corrosion prevention.

Each primary seal mini-shoe (MSH)® is designed for a specific application in the tank and is engineered for quick installation in the field. With a wide range of metallic and non-metallic materials, the primary seal mini Shoe is resistant to virtually all products stored in tanks with a floating roof.

### Main Characteristics:

- Specific design of the mini-shoe and pusher for the floating roof.
- Compatibility with all stored products.
- Compliance with EPA regulations and local regulations.
- Compatibility with welded or riveted frame tanks.
- Suitable with secondary seal system.
- Allows horizontal or vertical installation over the angle.



### Technical Data

**Rim space:** Normally 200mm is the standard but the seal design can be modified to suit larger nominal rim space.

**Aromatic resistance:** 100%

### Material Specification

**Continuous seal:** Teflon/Fiberglass, Calcium Silicate, Urethane, Polyurethane.

**Clamp Channels:** Galvanised or Stainless Steel

**Sealing Ring:** Galvanized / Stainless Steel

### Other

**Service life:** 10-25 years

**Typical Weight:** ≈ 12 kg per linear meter