

Floating Roof Storage Tank Seals

Primary Delta Seal (DLT)

General Information:

The Delta Primary Seal can be used on external floating roofs or internal floating roofs.

This seal design has been used on tanks from 6m to 91m in diameter, containing the full range of crude and refined products.

Design Features:

The design of this joint allows the installation and removal of the latter only from the top of the roof.

The effect of the seal between the roof and the tank wall is achieved by the use of trapezoidal sections of special PU foams.

The foam sections are fixed with an adhesive to the internal steel support plate. These plates and the foam blocks are encapsulated in a nylon casing coated with synthetic rubber.

The envelope of the seal consists of a fabric covered with a highly abrasion resistant layer which provides a gentle and effective sealing effect.

The Delta seal is in contact with the stored liquid, that is why the efficiency of the seal is very high.

Accessories

Secondary Seals: All our secondary seals can be used with the Delta joint.

Technical Data

Rim space: 100 mm \pm 250 mm

Aromatic resistance: 100%

Material Specification

Two alternative standard envelope materials are generally used:

- Polyurethane Coated Nylon fabric 1.0mm thick.
- PVC Nitrile elastomer coated Nylon fabric 1.5mm thick

Service life: CS, PTFE, Polyurethane, Viton

Typical weight of complete seal: 20 kg per linear meter

