



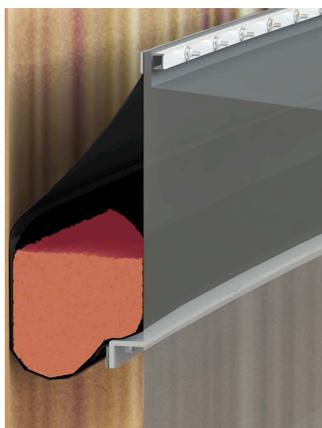
TTS-TS1 Tube Seal

The tube containing compatible liquid is covered by a scuffband and located directly on the stored product. The liquid filled tube gives pressure softly to the tank shell and eliminates the space between the stored product and seal. Against the tank shell is a scuffband of nylon fabric coated with an abrasion resistant polymer coating which prevents a ribbed surface to the shell. The scuffband is attached at top and bottom by bolting in such a fashion that the lower portion of the scuffband is in contact with the stored liquid, i.e., product mounted.

The filled tube exerts hydraulic pressure outwards, holding the scuffband against the tank shell and so effecting a seal.

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External Floating Roof Seal System



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Parts & Material

Part No	Description	Material
1	Scuffband	Nitrile/PVC (One side is serrated) or PU
2	Tube	Synthetic rubber
3	Sealing Liquid	Kerosene or Glycol mixture (* supplied by others)
4	Mounting Angle	Carbon steel
5	Clamp Bar	Carbon steel with hot dip galvanized coating or stainless steel
6	Lower Clamp Bar	Carbon steel with hot dip galvanized coating or stainless steel
7	Bumper Bar	Carbon steel (* supplied by others)

Specifications

Model Name	TTS-TS1 Liquid Filled Tube Seal
Type	Primary Seal, Liquid Filled Tube Seal
Installed on	External Floating Roof Tanks
Rim Space	Normal 200mm \pm 125mm (* lager rim space is available)
Features	<ul style="list-style-type: none">▪ Product mounted type▪ No vapor zone▪ Easy to install▪ No scratching or damage to the tank shell▪ Complies with API 650 Appendix C▪ Compatible with stored products▪ Available with secondary seal▪ Full range of floating roof tank sizes