

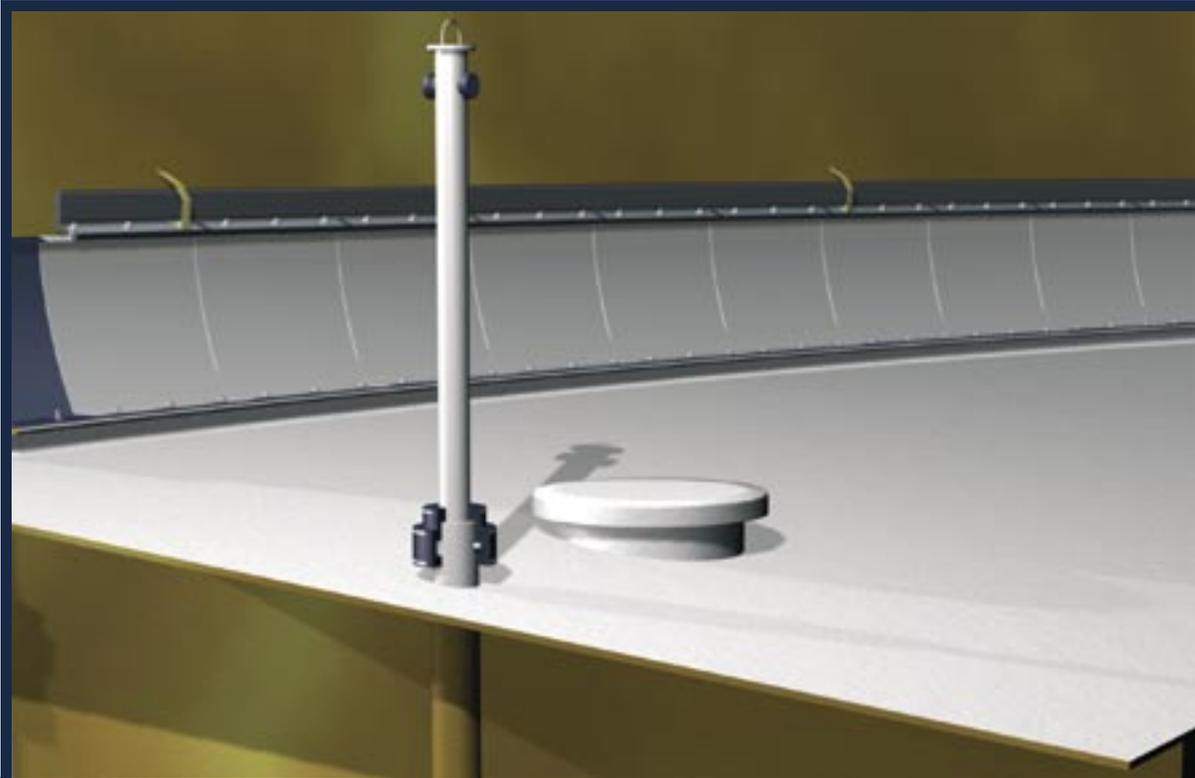


CARGO TRANSFER SYSTEMS B.V.

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LEG SEAL FOR EXTERNAL FLOATING ROOF TANKS:

The leg seal is used on open-top storage tanks, often in situations where mixers are used.

It reduces emissions from roof legs considerably, nowadays developing into a standard for tanks storing volatile hydrocarbons. It also ensures that the support legs remain operational by preventing rainwater ingress. The locking pin is completely surrounded by the leg seal, preventing the support legs from dropping down as a result of pin displacement caused by mixer vibrations.

Product description:

The leg seal consists of two circular parts, manufactured from flexible material, when combined surrounding the support leg and a part of the leg sleeve. The contact surfaces of both parts fit together with tongue and groove connections; the cylindrical surfaces have a sealing profile on the inside. Stainless steel hose clamps connect both individual parts against one another and around the support leg and the leg sleeve.

For gastight seals pin hole plugs can be included

Product features:

- excellent seal
- long service life
- maintenance free
- fast and simple installation
- prevents seizing of the support legs to the sleeves
- extra locking pin
- reusable

Material:

The leg seal is made of EPDM rubber. This material is resistant to hydrocarbons, chemicals, ozone and is weather-proof.

Installation:

The leg seal is easy to install and easily removed in order to either pull or push the legs to another position, subject to operational requirements for the tank involved.

LEG SEALS



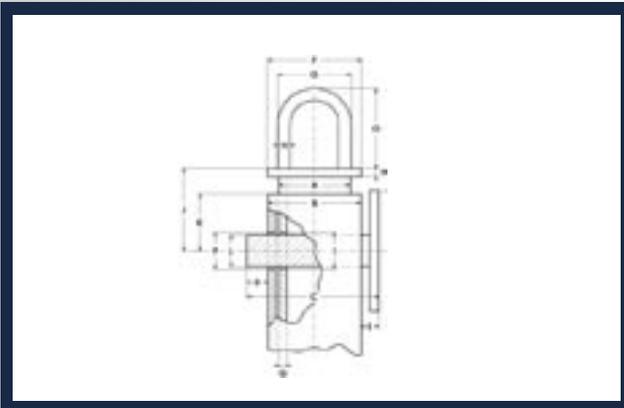
Leg sizes covered:

Leg seals are available for 3" and 4" floating roof legs. It is required to verify exact leg details prior to fitting the leg seals however, this to identify suitability as leg penetrations typically are individually designed for each new tank, so sizing might be different for the same leg diameter.

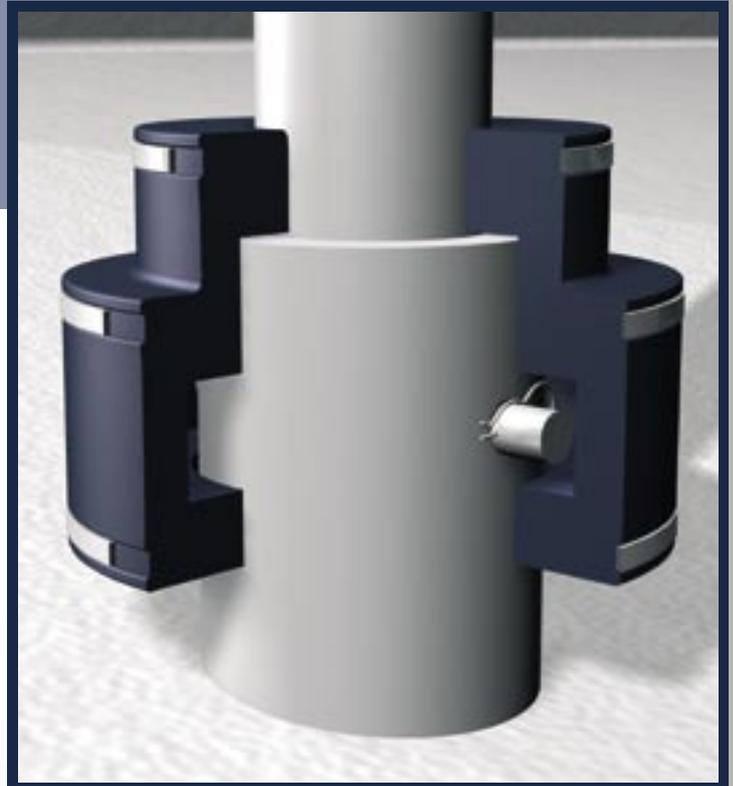
Leg sock:

As an alternative to the rubber leg seals we also manufacture a leg sock. This is a tube in high weather and hydrocarbon resistant material, executed as a straight tube with an opening at the underside, which allows placement over the leg arrangement, either in the high pin or low pin position. Pulling the strap at the bottom ensures a tight installation, preventing rain water penetrating the leg arrangement and stopping leg emissions.

Dimensions:



	4" Leg seal Min./max. dimensions (mm)	3" Leg seal Min./max. dimensions (mm)
A	91 > A > 86	77 > A > 74
B	116 > B > 113	91 > B > 89
C	C < 170	C < 150
D	D < 27.5	D < 27.5
E	E < 27.5	E < 27.5
F	Not Applicable	Not Applicable
G	Not Applicable	Not Applicable
H	Not Applicable	Not Applicable
I	46.5 < I < 47.5	34.5 < I < 35.5
J	J > 135	J > 135
K	K < 105	K < 105
L	L < 34	L < 34
M	M < 34	M < 34
N	Not Applicable	Not Applicable
O	Not Applicable	Not Applicable
P	46.5 < P < 47.5	34.5 < P < 35.5
Q	8.5 < Q < 9.5	5.5 < Q < 6.5



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