



VSP CargoTight® Type I

PTFE/Encapsulated Insert
U.S. Patent 9,944,459

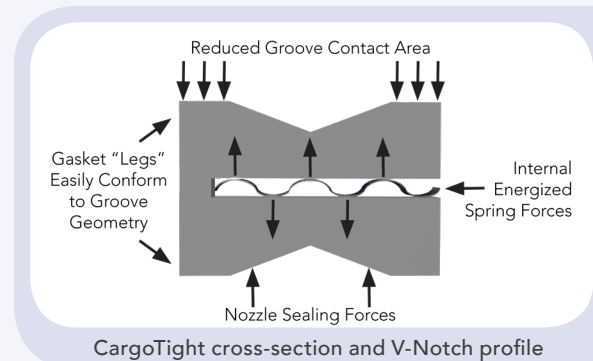
CargoTight Type I

ISO tank container manway designs create unique sealing challenges. CargoTight combines proven CycleTight® technology and extensive engineering and testing, along with the best materials, to produce the premiere ISO tank container manway gasket



Key Product Advantages

- ▶ Chemically inert complying with FDA 21 CRF 177.1550 using non-contaminating Virgin PTFE
- ▶ Engineered self centering technology through V-Notch™ which centers CargoTight on the manway nozzle
- ▶ Engineered V-Notch and dynamic stainless steel spring core work together minimizing the effects of gasket relaxation
- ▶ Double Sided V-Notch makes the gasket reversible
- ▶ Available in 300mm, 460mm & 500mm sizes to fit all common tank container manways
- ▶ Easy to install and stays in place through utilizing interference fit



VSP Technologies deploys a team of Engineers and Fluid Sealing Specialists who provide engineered solutions for your unique sealing requirements.

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COMPARED TO CONVENTIONAL TANK CONTAINER MANWAY GASKETS

▶ **No Delamination**

CargoTight is not a laminated design

▶ **No Seam**

One piece sealing element with no seams or joints

▶ **No Cut-Through**

CargoTight design protects against over compression damage common in other gaskets

▶ **Non Aging/Chemically Inert**

100% PTFE sealing element - NO ELASTOMERS

▶ **Consistent Hydro Test Performance**

Installed correctly it seals tight again & again

▶ **2 Gaskets in 1**

Double Sided V-Notch design enables gasket to be flipped over and used again

▶ **Easy Identification**

CargoTight tag remains firmly attached to the gasket and visible when lid is closed

▶ **Quality Assurance**

CargoTight tag serial number provides traceability

▶ **Dual Purpose Tag**

CargoTight tag can be used to track the number of trips and as a lifting "tab" for easier gasket replacement



**Pneumatic & Hydrostatic Test Results
(Conforming to 49CFR 180.605)**

Pneumatic Test 30 psig	Controlled Torque Assembly (60 ft-lbs)
1st Use	Pass
2nd Use	Pass
3rd Use	Pass
4th Use	Pass
5th Use	Pass
6th Use	Pass
7th Use	Pass

Hydro Test 52.5 psig	Controlled Torque Assembly (60 ft-lbs)	Conventional 2-lb Hammer Method
1st Use	Pass	Pass
2nd Use	Pass	Pass
3rd Use	Pass	Pass
4th Use	Pass	Pass

