



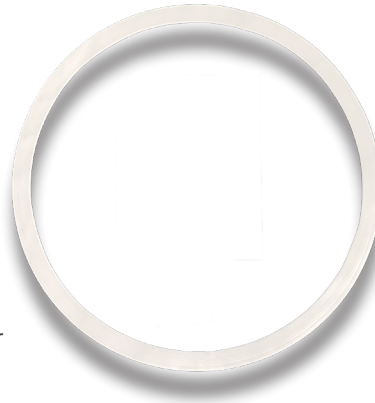
VSP CycleTight®

Expanded PTFE/Encapsulated Insert
U.S. Patent 6,824,140

CycleTight

Engineered for tank container bolt-down manways, ZERO reported leaks.

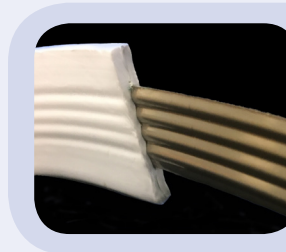
VSP's patented design combines an engineered 316 stainless steel insert/spring embedded within an expanded PTFE matrix providing dynamic response to tank container operations through the entire 5 year qualification period of the tank.



Designed for Tank Container Bolt-Down Manways

CycleTight Compared to Conventional Gaskets

- ▶ Broadest range of chemical resistance
- ▶ High purity/Non-contaminating
- ▶ Lower stress to seal
- ▶ Lower relaxation & torque loss
- ▶ Dynamic response to vibration & thermal cycles
- ▶ Protects against cut through, cracks, & distortion
- ▶ Spring action allows for multiple trips



Combines the benefits of premium expanded PTFE & corrugated stainless steel into one superior gasket technology

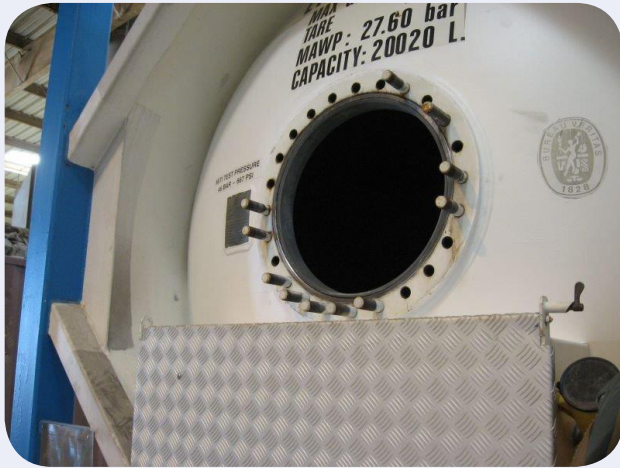


CycleTight Optimized Density Profile for Engineered Performance and Reliability

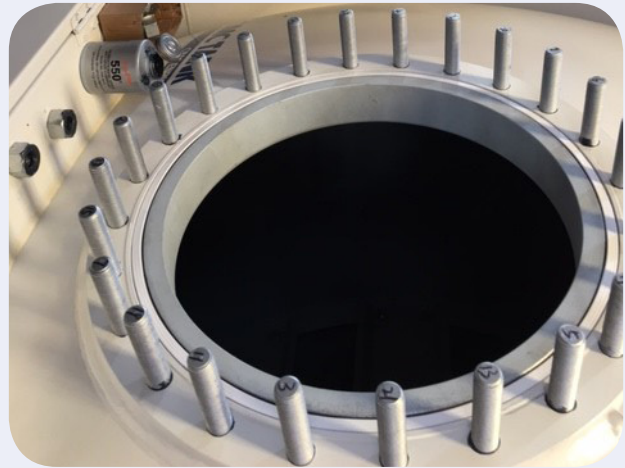
VSP Technologies deploys a team of Engineers and Fluid Sealing Specialists who provide engineered solutions for your unique sealing requirements.

8140 Quality Drive, Prince George, VA 23875
800-334-6013 • vsptechnologies.com

DESIGNED FOR USE ON BOTH GAS & LIQUID TANK CONTAINER
BOLT-DOWN MANWAYS



Gas Tank T50



Liquid Tank T18-22

Installation/Tracking

- ▶ Individually Packaged
- ▶ Installation Instructions with Torque Values
- ▶ Traceability Documentation for Car Files



Assembly Sheet

