

VSP CYCLETIGHT® Gaskets – U.S. Patent# 6,824,140

VSP Technologies' **CYCLETIGHT® Gaskets**
engineered for general purpose railcar manways



CYCLETIGHT® -Type 7
(Secures to manway cover)

CYCLETIGHT® -Type 6
(Secures to manway nozzle)



- **Innovative Design**
 - **Highly compressible expanded PTFE construction**
 - *Broadest range of chemical resistance*
 - *High purity/Non-Contaminating*
 - *Seals against uneven & rough surfaces*
 - *Lower stress to seal than conventional sheet gaskets*
 - **316ss corrugated insert**
 - *Provides dynamic response to compensate for railcar vibration and supports multiple re-use*
 - *Won't cut through, crack, or distort*
 - **Consolidated sizing**
 - *Simplifies inventory management*
 - *Typically 3-5 sizes required for entire railcar fleet*
 - **Mechanically secured to manway-Gasket will not fall into railcar**
 - *Type 7 secured in cover – Type 6 secured to nozzle*
- **Field tested and proven**
 - **Over 20,000 gaskets installed and in-service**
- **Patented product**
 - **Developed for an international chemical company**
 - **Cooperative effort from a leading railcar repair company**
- **Embossing on gasket provides positive identification**
- **Each gasket comes individually packed with assembly procedure**
- **Easy identification of correct size with Ride-Tight® Manway Size Chart (MSC)**

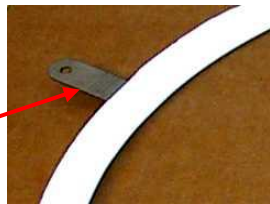
Available In 2 Styles

CYCLETIGHT® -Type 6 Nozzle Design

CYCLETIGHT® -Type 7 Cover Design



Tabs at the gasket OD fold over to secure the gasket to the manway nozzle eyebolt bracket



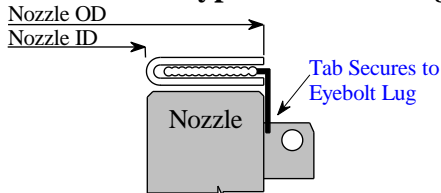
Patented design combines rigid core with flexible ID/OD zones allowing gasket to slip into and secure to manway grooves



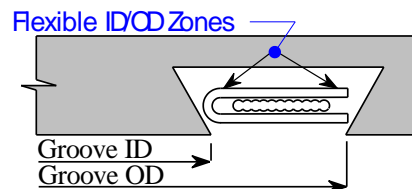
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All of VSP Technologies **CYCLETIGHT® Gasket** designs incorporate a specially designed 316ss corrugated insert that provides dynamic response under compression to ensure leak-free performance of your railcar manways.

CYCLETIGHT® -Type 6 Nozzle Design



CYCLETIGHT® -Type 7 Cover Design



For Additional Information or To Place an Order Call, (800) 334-6013 or (804) 541-0812

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