

LOAD-LOCK[™]

Enhanced Mechanical Integrity in an ePTFE Gasket

Load-Lock[™] combines the strength and blow-out resistance of metallic gaskets with the compressibility and tightness of expanded ePTFE gaskets without the use of adhesives.





Minimal stress relaxation• Potential for NO Re-Torque

CycleTight[®] & PITA[®]

Expanded PTFE/Encapsulated Insert U.S. Patent 7,455,301

Combines expanded PTFE for low stress to seal with a 316 stainless steel core resulting in 5X the gasket recovery of other ePTFE/PTFE gaskets.



Zero Process Contamination

Lower Relaxation & Torque Loss



Point Contact Loading

Corrugated Peaks Define Contact Points Resulting In Lower Stress to Seal than Conventional Virgin, Filled PTFE, ePTFE Gaskets

CycleTight[®] Optimized Density Profile for Consistent Installation



Tank Car ConnectionsLoad Retention ProgramNoRetorqueTM



Prince George, VA Kingsport, TN I Houston, TX I Parkersburg, WV I Lake Charles, LA I Baton Rouge, LA

Prince George, VA

Kingsport, TN | Houston, TX | Parkersburg, WV | Lake Charles, LA | Baton Rouge, LA

Manway



CycleTight®

Individually Packaged

Installation Instructions with Torque Values

Traceability Documentation for Car Files

Tank Car ConnectionsLoad Retention ProgramNo Retorque™



Bottom Outlet Valve Connections



PITA®

Spiral Wound

Lower Relaxation & Torque Loss

ePTFE Seals Against Rough Flanges

Zero Process Contamination

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Flanged Connections



Pressure Top Relief & Fittings

LoadLock™



Lower Relaxation & Torque Loss

Improved Creep/Cold Flow Resistance

Higher Maximum Compression Stress Limit

Enhanced Mechanical Integrity at High Temperatures