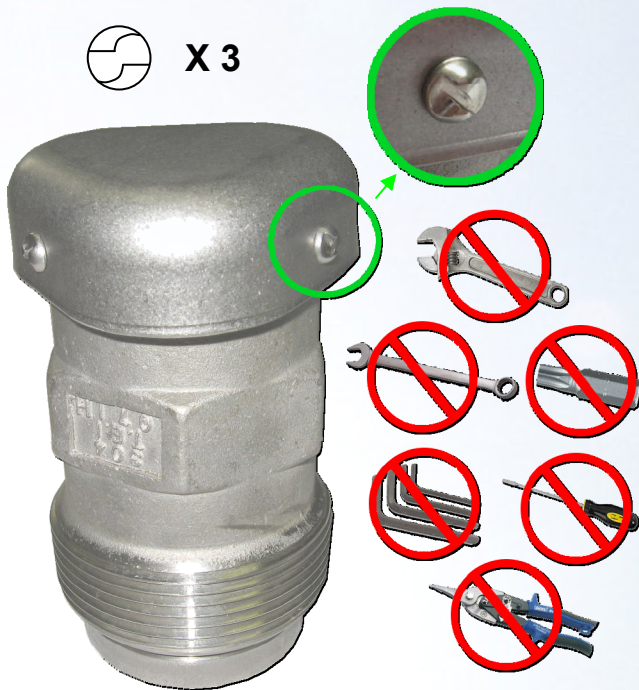




How Secure is Secure? Secure-Cap meet and exceeds Customer Tamper Evident Requests and AAR M-1002 Requirements.



Previous designs of Vacuum Relief Valves (VRVs) offered by McKenzie Valve & Machining Co. exceed industry requirements to prevent casual vandalism; however, they use standard fasteners and have no provisions for the Tamper Evident seals that customers are beginning to require to prevent food grade and other contaminate sensitive products from being tampered with.

The new Secure-Cap VRV uses the time proven MV&M design to relieve negative pressure inside a tank car; while adding security features beyond tamper evident. With one-way screw heads, the valve itself is tamper proof¹. Since the valve cannot be tampered with, without causing highly visible damage, Tamper Evident Seals are not needed.

To ensure emergency response teams are not inhibited, the valve does not need to be disassembled or have a pipe wrench applied to its cap to remove it. The wrench flats are still accessible to allow swift action in case of an emergency.

Valve Features:

- Eliminates tank car implosion potential by relieving extreme vacuum conditions
- AAR approved under E-077023
- Constructed of corrosion resistant Stainless Steel
- 3/4 (0.75) psi vacuum tested and 100 psi positive pressure tested
- 2-1/2" MNPT Threads
- Easy to Access 2-1/2" Wrench Flats for installation and emergency response action
- Quad-Seal technology
- Weather cap prevention of debris and contamination of commodity
- Side fasteners to eliminate potential of top cap leaks
- Accidental Operation and possible Stem Damage prevented by a fixed cap

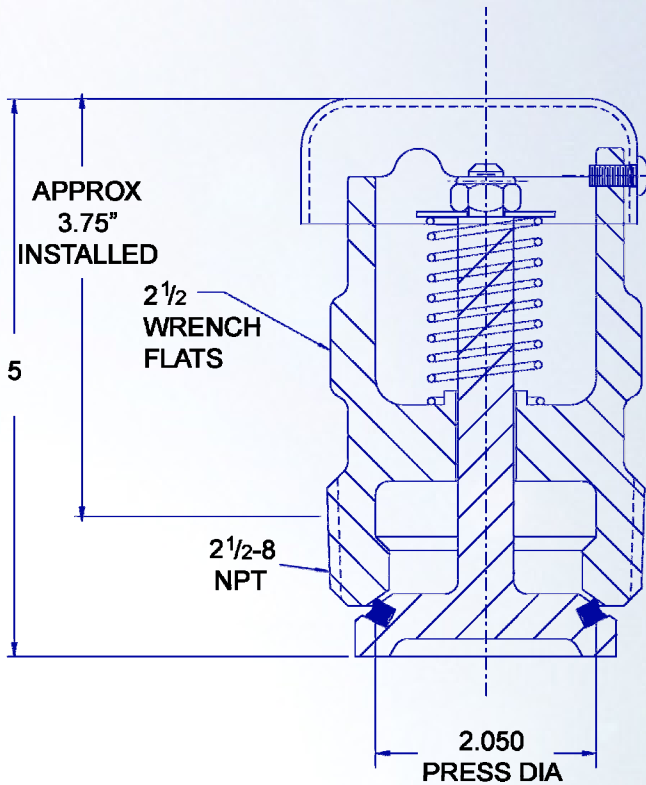
Valve Benefits:

- Does not require disassembly or removal of security features to install
- Tamper Proof¹ One-Way Screw heads prohibit use of common and even uncommon tools. Screws must be damaged and/or drilled to be removed.
- Does not inhibit emergency response team action

¹ tamper proof is defined as "designed to prevent tampering that does not cause physical damage to the valve or valve components."



507882-XX



| | |
|----|-----------------------------|
| 01 | VITON® A |
| 02 | BUNA-N |
| 03 | NEOPRENE |
| 04 | EPDM (WHITE FOOD GRADE) |
| 05 | VITON® B |
| 06 | CERTIFIED DUPONT VITON® A |
| 07 | EPDM PEROXIDE CURED |
| 08 | VITON® 747 |
| 09 | NEOPRENE (WHITE FOOD GRADE) |
| 10 | BUNA-N (BLACK FOOD GRADE) |
| 12 | CS 4273B |
| 13 | CS 5355 |
| 14 | VITON® GF-S |
| 15 | VITON® EXTREME ETP |
| 16 | CHEMRAZ® 505, BLACK |
| 17 | KALREZ® 4079, BLACK |
| 18 | RUBBER, FOOD GRADE |

* Other materials available on request

** Kalrez® and Viton® are registered trademarks of DuPont Performance Elastomers. Chemraz® is a registered trademark of Green Tweed.

Valve model number is 507882-XX where XX is a two digit number from the material table. (ie 507882-07 has an EPDM Quad-Seal).

For more information on this or any other product, please visit the McKenzie Valve Website at

www.McKenzieValve.com

or
contact us at:

145 Airport Rd
McKenzie, TN 38201
731-352-5027