

# TODO® PTC - SAFETY PRESSURE TIGHT CAP



STORAGE

ROAD

AVIATION

**TODDO**®  
A Gardner Denver Product

RAIL

MARINE



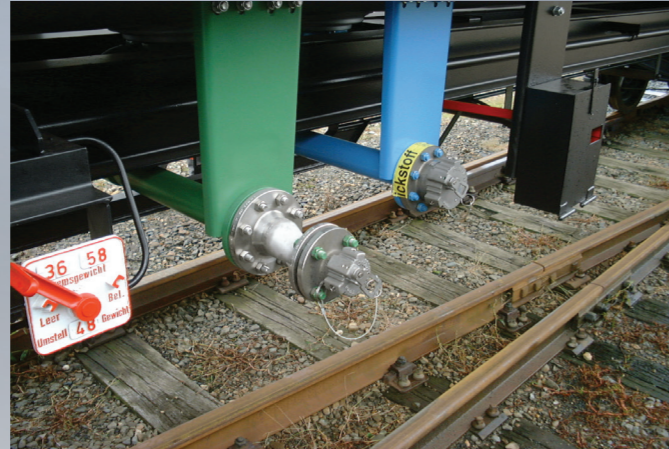
## TODO® PTC - SAFETY PRESSURE TIGHT CAP

### The TODO® PTC is specifically designed to enhance operator safety and containment security in chemical and gas transport.

Designed in close collaboration with leading chemical and gas companies, the PTC offers safety and operational benefits beyond those offered by existing closure technologies.

Should the possibility of an upstream closure leakage occur, the PTC provides identification of a system pressure and will hold this pressure until the problem can be safely resolve

Should the operator still choose to remove the cap it will reduce the static pressure to zero thus preventing the forceful expulsion of the transfer media.



Approved as third closure for category II product.

### Technical Details

Sizes:	2" (DN 50), 3" (DN 80) and 4" (DN 100).
Materials:	316L stainless steel.
Seals:	FKM (Viton®), EPDM, Nitrile, various Perfluorelastomers.
Thread seals:	Al & GM = PUR (Polyurethane), SS = PTFE (Teflon®).
Working pressure:	PN 25
Test pressure:	PN 37.5
Compatibility:	Tank unit caps according to NATO STANAG 3756.

Viton® is registered trademarks of DuPont Performance Elastomers.

### Safety Pressure Tight Cap Size Range



2" (DN 50) PTC

3" (DN 80) PTC

4" (DN 100) PTC

### Applications



Approved as second closure on the top of tanks.

### Features

- **Pressure indicator.**  
This feature alerts the operator to the presence of a pressure above 1.0 bar behind the cap and possible failure of upstream closure.
- **Automatic depressurization.**  
Reduces any static pressure upstream of the cap upon operation. Any other sealing cap or flange may allow removal under pressure with potentially serious consequences for the operator. Removes the possibility of disconnecting the cap whilst under pressure.
- **Customs / tamper seal feature.**  
The cap operating mechanism will accept all commonly used wire and plastic custom seals.
- **Automatic locking.**  
The PTC locks automatically in either direction but requires a deliberate action to disconnect.
- **Certified closure.**  
The PTC is certified as a full second or third closure depending on the application. The cap can be used to replace other closure methods such as valves.
- **Manually lockable.**  
The PTC can be manually locked using a padlock.

### Certificates / Approvals

- VdTÜV type approval, mark TÜ.AGG.162-93 towards ADR, RID, IMDG and VDI-rules 2440, part 3.3.1.3.
- CE-marked, European directives 97/23/EC (PED) and 94/9/EC (ATEX) complaint.
- TDT approval, mark TDT-UW-30/09 towards ADR/RID in Poland.
- Manufactured under EN ISO 9001:2000
- Certified towards ISO 14001:2004 and OHSAS 18001:2007
- Manufactured towards EN 13480 and EN 13445.