

# PTC - Safety Pressure Tight Cap



*Better by  
Design*

## 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.*

## 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) compliant.
- 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.

## Technical Details

Sizes: 2" (DN 50), 3" (DN 80) and 4" (DN 100).  
Materials: 316L stainless steel.  
Seals: FKM (Viton<sup>®</sup>), EPDM, Nitrile, various Perfluorelastomers.  
Working pressure: PN 25  
Test pressure: PN 37.5  
Compatibility: Tank unit caps according to NATO STANAG 3756.  
Viton<sup>®</sup> 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.*

# TODO®

A Gardner Denver Product

**TODO AB**

Box 33, Industrigatan 2-4 ·  
S-545 21 Töreboda · Sweden  
Phone +46 506 19940 · Fax : +46 506 19944

**EMCO WHEATON UK Limited**

Channel Road · Westwood Industrial Estate  
Margate, Kent CT9 4JR · UK  
Phone +44 1843 221521 · Fax +44 1843 295444

**EMCO WHEATON GmbH**

Emcostraße 2-4 · 35274 Kirchhain · Germany  
Phone +49 6422 84-0 · Fax +49 6422 5100

**EMCO WHEATON USA, INC.**

9111 Jackrabbit Road · Houston, Texas 77095 · USA  
Phone +1 281 856-1300 · Fax +1 281 856-1325

**EMCO WHEATON Corp.**

2480 Bristol Circle · Oakville, Ontario L6H 5S1 · Canada  
Phone +1 905 8298619 · Fax +1 905 8298620

**GARDNER DENVER Inc.**

306 Middletown Park Place, Suite D  
Louisville, KY 40243 · USA  
Phone +1 502 489 3884 · Fax +1 502 489 3882

[www.todo.se](http://www.todo.se)  
[www.emcowheaton.com](http://www.emcowheaton.com)

[assist@todo.se](mailto:assist@todo.se)  
[assist@emcowheaton.com](mailto:assist@emcowheaton.com)

**GARDNER DENVER FRANCE SA**

Immeuble Le Miroir, 15-17, Boulevard du G<sup>al</sup>. de Gaulle  
92120 Montrouge · France  
Phone +33 146 1241-41 · Fax +33 146 1241-59

**EMCO WHEATON ASIA PACIFIC**

21 - 5F · IOI Business Park · Bandar Puchong Jaya  
47100 Puchong Selangor · Malaysia  
Phone +603 8075-7500/7900 · Fax +603 8075-4100

**GARDNER DENVER INTERNATIONAL LTD.**

PO Box 30804 · Diraz, Manama · Bahrain  
Phone +973 17813187 · Fax +973 17813186

**EMCO WHEATON GmbH**

Branch Office CEE  
Blue Danube Park, Objekt 60 · 2100 Korneuburg Austria  
Phone +43 2262 64281-0 · Fax +43 2262 6428120

**EMCO WHEATON GmbH Sp.z.o.o.**

Oddział w Polsce  
ul. Królewska 57 · 30-081 Kraków · Poland  
Phone +48 12 2934308 · Fax +48 12 2934309

**EMCO WHEATON Regional Sales Office**

PO Box 468 · Cross Lane, Tong, Bradford ·  
West Yorkshire BD4 0SU · UK  
Phone +44 1274 683131 · Fax +44 1274 651006