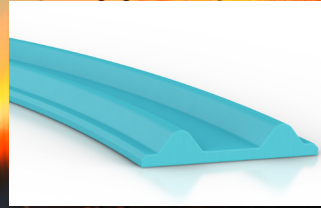




Tran-SECURE™ Lid Gasket

FOR TANK CAR MANWAY APPLICATIONS



Manway lid gaskets from Trelleborg Sealing Solutions provide superior, low-pressure sealing to ensure safe chemical transportation.

Trelleborg's Turcon® Tran-SECURE™ polytetrafluoroethylene (PTFE) manway lid gasket is specially designed to provide superior, low-pressure sealing performance in UTC-1, TRN-1 and AAR-1 style 20-inch manways, even when transporting the most aggressive chemicals.

Produced to match customer needs, we manufacture all gaskets in-house in ISO 9001- and ISO 14001-certified facilities using our own formulated materials. We maintain complete control of the product from formulation to finished gasket, so you are assured high quality and full traceability.

Installation and Torque

Trelleborg works with original equipment manufacturers (OEMs) and fleets to provide the correct torque recommendations and installation guidelines based on the manway equipment and gasket material used. Adhering to the specified procedure prevents damage to the gasket and minimizes the risk of non-accident release (NARs).

Features and Benefits

- Fully-controlled process, from formulation to finished product, ensures quality and consistency to help prevent NARs
- Single-piece design with chevron profile provides superior sealability
- Turcon® glass-reinforced PTFE delivers improved compressive and tensile strength while minimizing creep relaxation to ensure a tight seal over an extended period
- Familiar chevron design and Turcon® PTFE material enable use without retraining
- Cost-effective sealing solution
- In stock for shipment within 24 hours at www.chemtransportsealsshop.com
- Made in the USA

ONLINE ORDERING

Our in-stock gaskets give you peace of mind that your tank car will be back on track quickly.

For convenient 24/7 online ordering, scan the QR code or visit www.chemtransportsealsshop.com.



TRAN-SECURE™ LID GASKET

Material specifications

Composition:	Turcon® PTFE with glass additives
Temperature capability:	-328 °F to +500 °F/-200 °C to +260 °C
Elongation at break:	250%
Tensile strength at break:	2,900 psi/20 MPa
Hardness:	4,061 psi/28 MPa

Manway Gasket Testing

We conducted bolt torque retention testing on the Turcon® T06 PTFE gasket and three of the most commonly used competitive manway seals. The seals were installed on a manway rig and pressurized with air up to 200 psi/1.38 MPa. After 10 minutes, the leak rate was measured in lb-in/sec (N-m/s) for all four seals. The system was depressurized and allowed to sit for 24 hours, then ft-lbs (N-m) of torque retention was measured. Of the four gaskets tested, the Trelleborg design had the lowest leak rate and third-highest torque retention.

