



PRODUCT OVERVIEW



TEADIT®

Sealing for a safer and greener tomorrow

Joint-sealant tapes

Multi-directional ePTFE

TEADIT® 25 BI NSF/ANSI/CAN 61*, EN 13555, FDA, TA Luft, WRAS, EC 1935/2004, EU 10/2011; 100 % pure PTFE, multidirectional expanded, from 10 to 65 mm wide, 2 to 9 mm thick, dimensional stability, only the thickness changes under compression, one material for many applications - less risk of using the wrong material

Mono-directional ePTFE

TEADIT® 24 B NSF/ANSI/CAN 61*, EN 13555, BAM-Test, DVGW, FDA, TA Luft, WRAS, EC 1935/2004, EU 10/2011;

100 % pure ePTFE, width from 3 mm to 40 mm in 1.5 mm to 7.0 mm thickness, for all kinds of flanged joints

TEADIT® 24 BB NSF/ANSI/CAN 61*, FDA, WRAS, EC 1935/2004, EU 10/2011; 100 % pure ePTFE, width from 25 mm to 200 mm in 0.5 mm up to 3.0 mm thickness, for all kinds of flanged joints

TEADIT® 24 HD NSF/ANSI/CAN 61*, FDA, WRAS, EC 1935/2004, EU 10/2011; 100 % pure ePTFE, width from 3.2 mm to 15 mm wide in 0.3 mm up to 7.0 mm thickness, pre-densified gasket tape

Sealing tape TEADIT® 3070 FDA from filled ePTFE-yarns, braided into a tube and formed into a rectangular cross section, standard dimensions between 10 and 50 mm, soft and pliable, strong and durable

Sealing tape TEADIT® 3110 expanded, flexible graphite yarns, braided into a tube, which is folded flat to form a tape, standard dimensions between 10 and 50 mm, excellent temperature and chemical stability, high pressure resistance

Sealing tape TEADIT® 3110/I expanded, flexible graphite yarns reinforced with fine metal wires, braided into a tube, which is folded flat to form a tape, standard dimensions between 10 and 50 mm, excellent temperature and chemical stability, outstanding pressure resistance

Sealing tape TEADIT® 3110/II expanded, flexible graphite yarns reinforced with fine metal wires, braided into a tube, which is folded flat to form a tape, standard dimensions between 10 and 50 mm, excellent temperature and chemical stability, outstanding pressure resistance



Braided gland-packings

Carbon/Graphite	Yarn: Graphite / Carbon / exp. Graphite
PTFE	Yarn: PTFE / ePTFE / PTFE-Extrud. / ePTFE+Graphite
Aramid	Yarn: Para Aramid (continuous and staple) / Meta-Aramid
Synthetic	Yarn: Acryl / Polyimid / Novoloid
Natural	Yarn: Ramie
Glass	Yarn: Continuous filament / Staple fibre, texturized yarn

From the in-house production of yarns and filaments up to the end product, TEADIT® is using its long experience and continuously developed know-how to provide highest quality braided packings for various industrial sectors.

*Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are certified.

Packing rings and packing accessories



Sets of pure graphite-rings (98% or 99,85% purity)

Packing cutter (45°)

Precise 45° angle cut for respective shaft diameter, no wrong cuts - no wastage

Packing extractors



Packing STYLE 2848

Fully Traceable Fugitive Emissions Packing (TEADIT® TAGS™)

2848 is a Low-Emissions packing designed for control and isolating valves alike. For control valves, it has proven performance on ISO 15848-1 most stringent test procedure, CC3.



TEADIT® 28 LS-LE

High-purity ePTFE gaskets with diffusion barrier

The inner bore of the 28 LS-LE gasket is enhanced with a diffusion barrier without any additional filler or other material, to avoid cross section leakage at low gasket stress. Therefore TEADIT® 28 LS-LE achieves high tightness with low bolt load.

Gasket sheets

Multi-directional ePTFE gasket sheets

High quality ePTFE material, two of the best, most versatile and most reliable gasket materials on the market, sheet size: 1,500 x 1,500 mm in 0.5 up to 6.0 mm thickness, available also as cut gasket:

TEADIT® 30 SH (for extreme application conditions) NSF/ANSI/CAN 61*, EN 13555, FDA, TA Luft, BAM-Test, Blow-out test (VDI 2200), EC 1935/2004, EU 10/2011, USP VI, DVGW, WRAS;

TEADIT® 24 SH NSF/ANSI/CAN 61*, EN 13555, FDA, TA Luft, BAM-Test, Blow-out test (VDI 2200), EC 1935/2004, EU 10/2011, USP VI, ABS Product type approval, DVGW, WRAS;

Structured PTFE-gasket sheets

Multidirectionally orientated structure, made from pure PTFE with special filler substances, sheet sizes:

TF 1570 1500 x 1500 mm, thickness 1,5 / 2,0 / 3,0 / 4,8 / 6,4 mm and 1200 x 1200 mm, 1,0 mm;

TF 1580/TF 1590 1500 x 1500 mm, thickness 1,5 / 2,0 / 3,0 mm and 1200 x 1200 mm, 1,0 mm

TEADIT® PL 100 EN 13555, Blow-out test (VDI 2200), FDA Conformity; filled with hollow glass micro spheres, outstanding mechanical resistance and residual stress

TEADIT® TEALON TF 1570 EN 13555, FDA, TA Luft, BAM-Test, Blow-out test (VDI 2200), ABS Product type approval, EC 1935/2004, EU 10/2011; filled with hollow glass micro spheres, excellent adaptability, suitable for pressure sensitive connections made of glass, ceramics etc.

TEADIT® TEALON TF 1580 EN 13555, FDA, TA Luft, BAM-Test, DVGW, Blow-out test (VDI 2200), ABS Product type approval, EC 1935/2004, EU 10/2011; filled with Barium Sulfate, particularly suited for use with caustics

TEADIT® TEALON TF 1590 EN 13555, FDA, TA Luft, BAM-Test, EC 1935/2004, EU 10/2011, DVGW, Blow-out test (VDI 2200), ABS Product type approval; filled with Silica, particularly suited for use with acids

Compressed fibre sheets NA

Sheet sizes (mm): 1500 x 1600, 1500 x 3200 thickness 0,5 / 0,8 / 1,0 / 1,5 / 2,0 / 3,0

TEADIT® NA 1006 ABS Product type approval; a blend of fibers, bonded with Nitrile rubber (NBR), suitable for water, oils and Acides in mild service

TEADIT® NA 1005 ABS Product type approval, Flame-resistance ISO 19921; a blend of aramid and other synthetic fibers bonded with Nitrile rubber (NBR), for petroleum derivatives, water, chemical products in general, excellent cost-performance ratio

TEADIT® NA 1002 EU EN 13555, KTW, TA Luft, WRAS, BAM-Test, Blow-out test (VDI 2200), ABS Product type approval, Flame-resistance ISO 19921; Aramid fibres with Nitrile rubber (NBR), for petroleum derivatives, water, exceptional performance in gas applications

TEADIT® NA 1122 Inorganic fibres & special fillers, bonded with Nitrile rubber (NBR), developed to exhibit superior thermal stability during extreme thermal cycling applications, Specially recommended for saturated & superheated steam

TEADIT® NA 1100 EN 13555, DVGW, TA Luft, Blow-out test (VDI 2200), ABS Product type approval; Graphite and carbon fibres, with Nitrile rubber (NBR) for petroleum derivatives, water, saturated steam, solvents, gases and chemical products in general.

Expanded graphite sheets

From pure, expanded flexible graphite and without any other fibers or filler materials. Particularly suited for applications with extremely high or low temperatures, with highly corrosive and aggressive media, extremely resistant to temperature cycles.

Dimensions: 1000 x 1000 mm & 1500 x 1500 mm, thickness 1,0 / 1,5 / 2,0 / 3,0 mm

TEADIT® GP 1520 Graphite sheet

TEADIT® GR 1520 Graphite sheet with plain metal insert

TEADIT® GE 1520 Graphite sheet with tanged metal insert

TEADIT® GR 1700 Multilayer high strength graphite sheet



Welded Gaskets made from TEADIT® TF sheets

Highly economical and without technical restrictions, welded gaskets can be used the same way as gaskets cut from one piece. The results of research and testing show welded gaskets made from TEADIT® TF materials reach the same leakage class as gaskets cut from one piece.

Flat gaskets

Flat gaskets (with and without metal eyelets)

Cut gaskets from all TEADIT® sheets available, manufactured according to all established engineering standards, custom-made products

PTFE envelope-gaskets

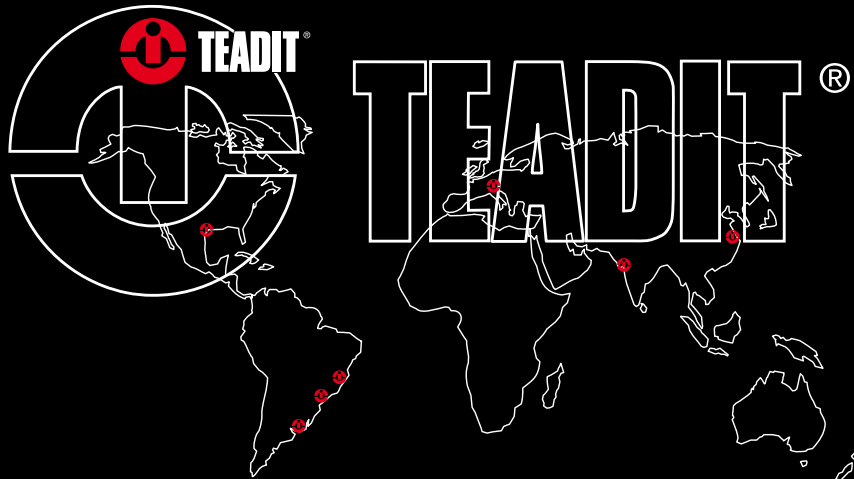
Double-jacketed gaskets

Manhole gaskets and lid seals

Spiral-wound gaskets

Kammprofile gaskets





PTFE gasket material • structured PTFE sheets • multidirectionally exp. PTFE sheets • multidirectionally exp. PTFE tapes • monodirectionally exp. PTFE tapes • **Braided gland packings** • Carbon / Graphite packings • PTFE packings • PTFE / Aramid packings • Aramid packings • Glass packings • Acrylic packings • Ramie packings • Polyimide packings • Novoloid packings • Nomex packings • Preformed packing rings • **Compressed fibre sheets** • Carbon / Graphite / NBR • Aramid / NBR • Cellulose / NBR • **Graphite sheets** • Graphite sheets with plain metal insert • Graphite sheets with tanged metal insert • Pure graphite sheets • **Gaskets** • PTFE envelope gaskets • Cut gaskets • Gaskets with metal eyelets • Double jacketed gaskets • Spiral-wound gaskets • Kammprofile gaskets • Hand- and manhole gaskets • Tank lid gaskets • Braided gasket tapes • **Jampak** • Injection gun • Jampak injectable compounds • Seal-Cage-System • **Expansion Joints** • Metallic and Non-Metallic Expansion Joints • **Accessories** • Various packing cutters • Packing extractors • Circular gasket cutter • **and many more...**

www.teadit.com



TEADIT® International Produktions GmbH
 Europastraße 12, 6322 Kirchbichl, Tirol/Austria
 Tel.: +43 5332 74000, austria@teadit.com

Houston (USA), Itatiba (Brazil), Campinas (Brazil),
 Buenos Aires (Argentina), Shanghai (China), Vadodara (India)

The contents and presentation of this catalogue are the property of TEADIT® Austria, and protected under the Copyright act. Reproducing, copying or translation of the contents and diagrams is strictly prohibited unless permitted by TEADIT®.

Since all properties, specifications and application parameters shown throughout this catalogue are approximate and may be mutually influenced, your specific application should not be undertaken without independent study and evaluation for suitability. All technical data and advice given is based on experiences TEADIT® has made so far. Failure to select proper sealing products can result in damage and/or personal injury. Properties, specifications and application parameters are subject to change without notice. TEADIT® does not undertake any liability of any kind whatsoever.