

# TEADIT 24 BB

### Description:

**TEADIT 24 BB** is a gasket material made from pure, expanded, virgin PTFE. TEADIT maintains a quality and environmental management system that is certified according to DIN EN ISO 9001 and DIN EN ISO 14001.

### Application areas:

Because of the excellent thermal and chemical resistance of **TEADIT 24 BB**, it can be used in a wide variety of static applications in nearly all kinds of the industry. The exceptional malleability of expanded PTFE can compensate for out-of-parallel and/or damaged sealing surfaces and allows use with stress sensitive connections and applications where only a limited flange load is available. Typical applications are the sealing of flanges, housings of pumps, gearboxes and compressors, hand- and manholes, air ducts, compensators, heat exchangers, chemical reactors, and many more.

### Technical data:

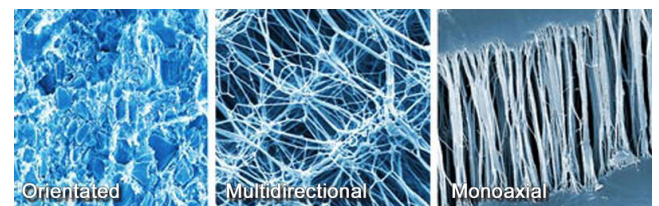
- PTFE Temperature range: -268 °C to +260 °C (short time +315 °C)
- Chemical resistance: resistant against all chemicals from pH 0-14 - except molten alkali metals and elemental fluorine at high temperature and pressure
- Density: 0,75 g/cm<sup>3</sup>, +/-0,1 g/cm<sup>3</sup>
- Aging resistance: **TEADIT 24 BB** does not age (please note: adhesive tape has limited shelf life!) and is UV-resistant
- **TEADIT 24 BB** is physiologically harmless. It has no smell or taste. It is neither contaminating nor toxic and does not get influenced by micro-organisms and/or fungi.
- Color: white

### Typical application range:

- Temperature range: -60 °C up to +230 °C
  - Operating pressure: from vacuum to 40 bar
- For details on applications with higher temperatures and / or pressure please contact TEADIT application engineering!*

### Tests & Approvals:

- WRAS
- FDA & EC 1935/2004 & EU 10/2011 (all incl. adhesive)



### Advantages:

- Quick and simple installation: adhesive strip makes installation easier
- Excellent malleability: compensates for small damages and uneven areas on the flange faces
- Exceptional thermal and chemical stability: makes this material very versatile
- No risk: the versatility of **TEADIT 24 BB** eliminates the risk of using wrong material for a certain application – this prevents avoidable breakdowns

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. Please note: the color of the actual product might vary from the above image on this data-sheet.

TEADIT INTERNATIONAL PROD. GMBH - Europastraße 12, 6322 Kirchbichl, AUSTRIA,  
Tel.: +43-5332-74000, Fax: +43-5332-74000-120, austria@teadit.com, www.teadit.com

## Standard dimensions

width mm	thickness 0,5 mm	thickness 1,0 mm	thickness 1,5 mm	thickness 2,0 mm	thickness 3,0 mm				
25	x	x	x	x	x				
50	x	x		x	x				
100	x	x		x	x				
200	x	x	x	x	x				

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Tel.: +43-5332-74000, Fax: +43-5332-74000-120, [austria@teadit.com](mailto:austria@teadit.com), [www.teadit.com](http://www.teadit.com)