

# TEADIT 24 B

### Description:

**TEADIT 24 B** 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 B**, 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, pump housings, compressors, hand- and manholes, air ducts, compensators, heat exchangers 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: 0,65 g/cm<sup>3</sup>, +/- 0,1 g/cm<sup>3</sup> (for rectangular cross-sections only)
- Aging resistance: **TEADIT 24 B** does not age (please note: adhesive tape has limited shelf life!) and is UV-resistant
- **TEADIT 24 B** is physiologically harmless. It has no smell or taste. It is neither contaminating nor toxic. It complies with the FDA 21 CFR 177.1550 Perfluorocarbon Regulations
- Color: white

### Typical application range:

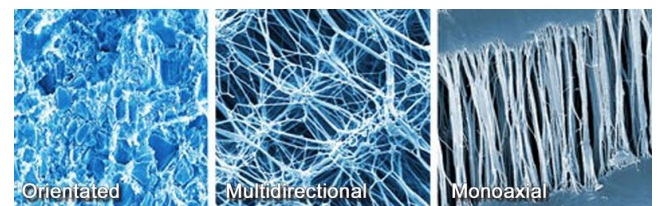
- Temperature range: -60 °C up to +230 °C
  - Operating pressure: from vacuum to 40 bar
- For details on applications with higher temperatures and / or pressure please contact TEADIT application engineering!*

### Approvals:

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

### Tests:

- BAM



### Advantages:

- Quick and simple installation: adhesive strip makes installation easier
- Reduced down time: immediately available, no cutting or punching of gasket necessary
- Reduced stock: a few spools of different sizes cover most applications within a plant
- No risk: the versatility of **TEADIT 24 B** eliminates the risk of using wrong material for a certain application – this prevents avoidable breakdowns
- No waste: **TEADIT 24 B** is a gasket from a spool, no material gets wasted

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.

## Standard dimensions

width mm	round mm	thickness 1,5 mm	thickness 2,0 mm	thickness 2,5 mm	thickness 3,0 mm	thickness 4,0 mm	thickness 5,0 mm	thickness 6,0 mm	thickness 7,0 mm
1	x								
3	x	x							
5	x		x						
7	x			x					
10	x				x				
12	x					x			
14	x						x		
17	x							x	
20									x
22							x		
25							x		
28							x		
40							x		

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