

## TEADIT 24 B

Rev.Nr.: 01/121004

### Material properties:

TEADIT 24 B is a non-asbestos gasket material made from pure, expanded, virgin PTFE. The whole production process is subject to strict quality control, registered under DIN EN ISO 9001.

### 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, e.g. plastic flanges, glass flanges, etc.

Typical applications are the sealing of flanges, pump housings, compressors, hand- and manholes, air ducts, compensators, heat exchangers and many more.

### Technical data:

**Temperature range:** - 240°C up to +260°C, for short periods up to +310°C

**Chemical resistance:** resistant against all chemicals from pH 0-14 - except molten alkali metals and elemental fluorine at high temperature and pressure

**Pressure resistance:** vacuum up to 200 bar

Density: 0,65 g/cm<sup>3</sup>, +/- 0,1g/cm<sup>3</sup>

**Aging resistance:** TEADIT 24 B does not age (please note: adhesive tape has limited shelf life!) and is UV-resistant

**Colour:** white

**Others:** TEADIT 24 B is physiologically harmless. It has no smell or taste. It is neither contaminating nor toxic. It fulfills the FDA 21 CFR 177.1550 Perfluorcarbon Regulations.



### 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

### Tests & approvals:

BAM (oxygen)

DVGW (gas and water)

WRc (hot and cold potable water)

BOC (British Oxygen)

FMPA (for use with food-stuffs)

FDA conformity

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Since all properties, specifications and application parameters shown throughout this product information 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 liability of any kind whatsoever.

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