

Product information

REV2016349

TEADIT 24 HD

Description:

TEADIT 24 HD is a gasket material made from expanded, pre-densified, pure virgin PTFE. The whole production process is subject to strict quality control, registered under DIN EN ISO 9001 & 14001

Application areas:

TEADIT 24 HD is particularly well suited to compensate for out-of-parallel and/or damaged sealing surfaces, and where a certain remaining thickness is required. Typical applications are heat exchangers, large containers, tank lids, pump housings, flanges, hand- and manholes, etc.

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: 1,0 g/cm³ (+/- 0,1g/cm³)
- Aging resistance: **TEADIT 24 HD** does not age (please note: adhesive tape has limited shelf life!)
- Color: white

Typical application range:

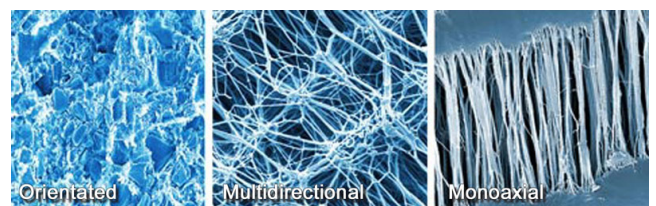
- Temperature range: -60 °C up to +230 °C
 - Operating pressure: from vacuum to 40 bar
- For details on applications with higher temperatures and / or pressure please contact TEADIT application engineering!*

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 HD** eliminates the risk of using wrong material for a certain application – this prevents avoidable breakdowns
- **TEADIT 24 HD** 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.

Tests & Approvals:

- WRAS
- FDA (incl. adhesive backing)
- EU 1935/2004



Standard dimensions:

Dimensions (mm)	Standard flange size
• 4 x 2,5	up to DN 500
• 6 x 4,6	from DN 500 up to DN 1500
• 8 x 5,5	DN 1500 and larger
• 10 x 7	DN 1500 and larger

When choosing the best suitable dimension of **TEADIT 24 HD**, one has to take the available bolt torque and possibly damaged or out-of-parallel gasket surfaces into account.

TEADIT 24 HD is available on spools, with an adhesive strip on the back

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.

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Standard dimensions

width mm	thickness 0,3 mm	thickness 0,7 mm	thickness 2,5 mm	thickness 4,6 mm	thickness 5,5 mm	thickness 6,0 mm	thickness 7,0 mm		
3,2	x	x							
4,0			x						
6,0				x					
8,0					x				
10,0							x		
15,0						x			

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