

TEADIT graphite tapes

Rev.Nr.: 02/211004

Material composition:

TEADIT graphite tapes are produced from pure expanded graphite and do not contain any other fibres or filler materials.

Technical Data:

	98 %	99,85 %
Temperature range (depending on installation conditions):	in air app. 550°C, in inert gas up to 3000°C	
pH range:	0-14	
Residual stress , DIN 52913	≥ 48 N/mm ²	
Ash content:	≤ 2,0 %	≤ 0,15 %
Chloride content:	≤ 50 ppm	≤ 20 ppm
Sulphur content:	< 1000 ppm	< 800 ppm
Specific gravity (graphite):	1,0 g/cm ³	
Specific thermal capacity (20°C)	0,7 kJ/kg-K	
Coefficient of thermal expansion (20-1000°C)		
parallel to lamination:	ca. 1 10 ⁻⁶ /K	
vertical to lamination:	ca. 30 10 ⁻⁶ /K	
Coefficient of friction at 20°C in air against steel, surface roughness 10 µm		0,08-0,10

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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.

The power of elements

