TEADIT 25 BI

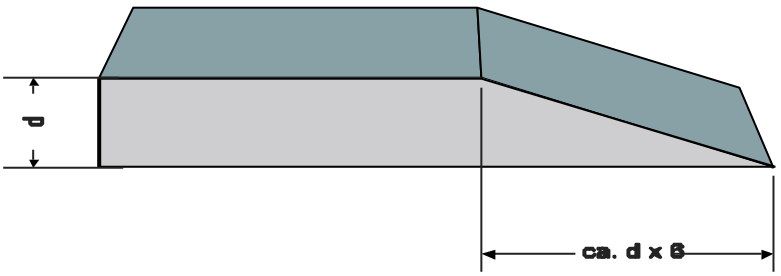
General information: TEADIT 25 BI is a biaxially expanded joint sealant tape made from 100% pure PTFE (polytetrafluorethylen).
TEADIT 25 BI can be used with all media from pH 0 to 14, except molten alkali metals and elemental fluorine at high temperatures and pressures.
Temperature range: from – 240°C up to + 270°C, for short periods up to + 310°C

More details can be found in our product information sheet

Installation:

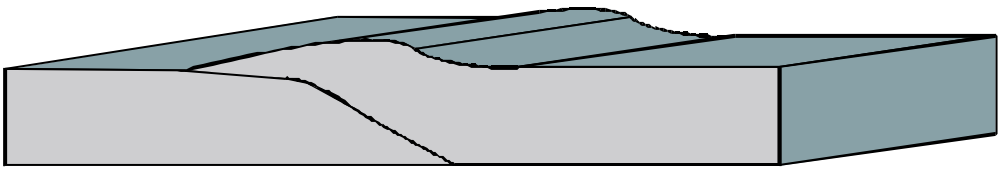
1.) The sealing area has to be clean and free of grease. Damaged parts have to be repaired or replaced. All bolts and nuts should be well greased.

2.) Cut the beginning of the tape with a sharp knife in a skived manner as shown in sketch below.



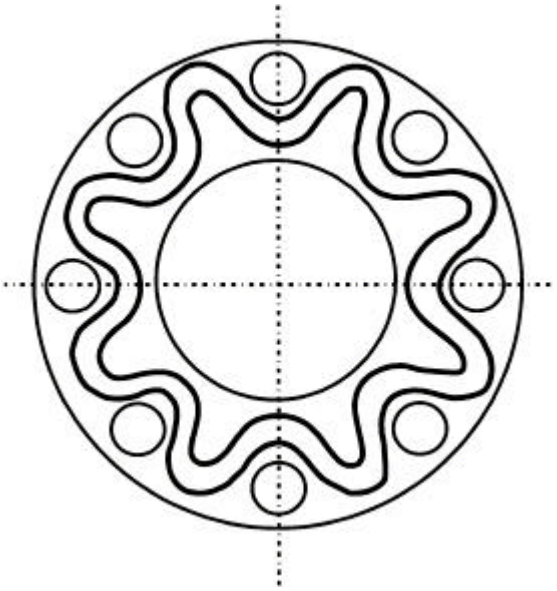
3.) Remove the backing paper from the adhesive strip and stick the tape onto the sealing area, beginning at a bolt hole.

4.) Join the two ends as shown in the sketch below. Firstly the bolts should be torqued in a star pattern. This should be done in three stages, torquing to approx. 25% of the total required torque value with each round. The forth and final adjustment should be done in a circular direction to the full torque value.



Additional hints: In the event of larger irregularities or damages one can achieve an effective seal by applying an additional layer of TEADIT 24B (NOT TEADIT 25 BI) at the damaged or irregular sections.
Important: Do not hesitate to contact us for advise on the best suitable dimension of TEADIT 24B for this kind of applications.

In order to prevent flanges made of thin or fragile material from bending or buckling, we recommend the use of a gasket tape which will cover the full width of the sealing area. Should the sealing area be narrow, then we recommend the tape be applied in a pattern as shown in sketch below.



This manner of applying the tape should also be used in connection with stress sensitive materials, e.g. glass, ceramics, enamel, plastics, etc.

Retorquing the bolts at operating temperatures is – especially in the case of warped surfaces, e.g. enamelled flanges - not recommended.

Please do not hesitate to contact us for additional information.