

Installation Manual (Fluoro Resin Flexible Joint)

ZTF-6000



Installation Procedure

1. Before installation

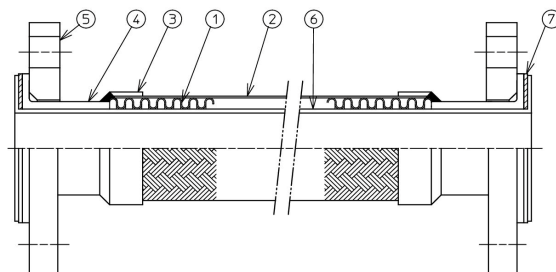


Table1 Parts List

No.	Name	Material
1	Bellows	Stainless steel 304
2	Braid	Stainless steel 304
3	Cover	Stainless steel 304
4	Lap joint	Stainless steel 304
5	Flange	Carbon steel Stainless steel 304
6	Hose	PTFE
7	Gasket	Non-asbestos

- Please confirm whether the diameter is correct.
- Please confirm whether there is any damage of sealing surface.

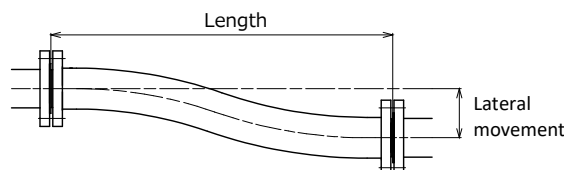
2. Installation

① Before installation, please wipe off the dust of the sealing surface on the product side and the piping side with a rag etc., check that there are no foreign substances and set the product between the piping flanges.

※ This product can be sealed without a gasket because the sealing surface is formed by folding back the tube (fluoro resin). However, if there is concern that the sealing surface on the product side may be damaged due to scratches on the piping side sealing surface, it is recommended that a separate gasket be prepared and used.

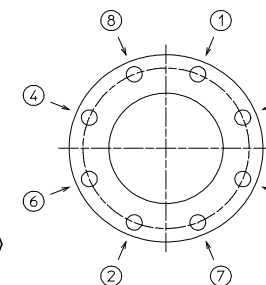
② Please insert the set bolt toward the piping side from the product side.

③ Please confirm whether the lateral movement of piping is within the allowable range.



3. Tightening of the bolts

The order of bolt tightening.



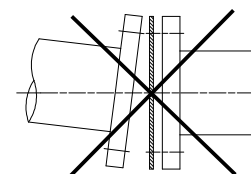
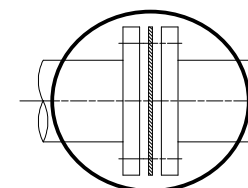
① Please tighten the bolts diagonally and equally.

② Please tighten the opposite side of flange with same way.

③ When you use the bolt and nut made of stainless steel, please apply lubrication.



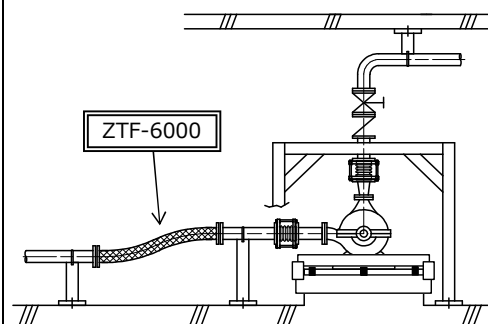
Please confirm whether the flange face is parallel before tightening.



Mounting bolt length

Size	Bolt Length
20A	M12×55mm
25A	M16×60mm
32A~100A	M16×65mm
125A	M20×75mm
150A~200A	M20×80mm

Completion



NOTES

- Please carry out the welding work of the piping before installing the flexible joint. If you have to carry out the welding work after installing the flexible joint, take ground the welding electricity, also put a protective cover around the flexible joint so that the welding current does not flow into the piping system.
- Please select the pipe size not to exceed 3m/s of flow velocity. (inside diameter base)
- Insert mounting bolt from product side. and tighten bolts evenly in diagonal line order.
- When using corrosive gases or vaporizing fluids such as hydrochloric acid, the permeated corrosive components may absorb moisture in the air and generate acid, which may corrode the stainless steel braid. If there is such a risk, use a product with polypropylene braid specification.