# Installation Manual (Fluoro Resin Flexible Joint)

# ZTF-1000

ZENSHN

## Installation Procedure

### 1. Before installation

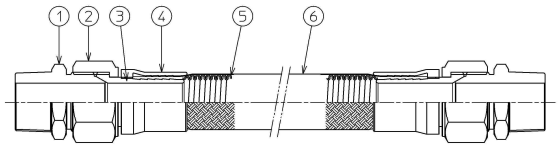



Table1 Parts List

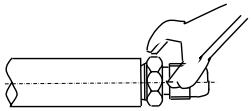
| No. | Name | Material |
|---|---|---|
| 1 | Nipple | Stainless Steel 304 |
| 2 | Nut | Stainless Steel 304 |
| 3 | Sleeve | Stainless Steel 304 |
| 4 | Cover | Stainless Steel 304 |
| 5 | Tube | PTFE |
| 6 | Braid | Stainless Steel 304 |

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

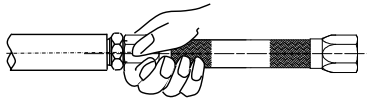
### 2. Installation 1

① Remove the nipple from the product and wrap the sealing tape around the PT thread. At this time, be careful never to scratch the seal surface on the opposite side.

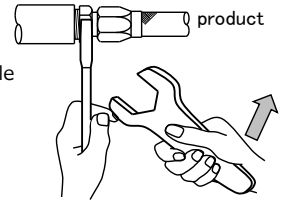

② Tighten the nipple firmly onto the pipe socket.



③ Tighten the nut by hand.

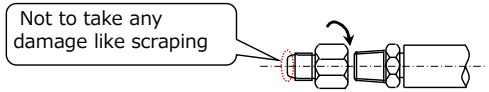


④ Finally, tighten the nut while holding the nipple in place with a wrench.

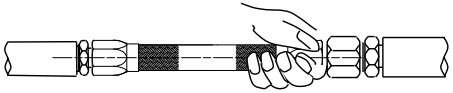



### 2. Installation 2

① Similarly, on the other side, remove the nipple from the product, wrap the sealing tape around PT thread, Tighten the nipple firmly onto the pipe side.




② Tighten the nut by hand, being careful not to damage the seal surface.



③ Finally, tighten the nut while holding the nipple in place with a wrench.

(Reference)
Tightening torque should be in accordance with the values shown in Table 2.

Table2 Tightening Torque

| Sise | Torque | Size | Torque |
|---|---|---|---|
| 8A | 55～65N・m | 25A | 110～120N・m |
| 10A | 55～65N・m | 32A | 120～135N・m |
| 15A | 60～75N・m | 40A | 145～160N・m |
| 20A | 85～100N・m | 50A | 180～200N・m |

### Option

| | |
|---|---|
| Anti-static specification | Hoses with carbon added to prevent static electricity buildup in the hoses. |

### 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 theflexible joint so that the welding current does not flow into the piping system.
- Please select the pipie size not to exceed 3m/s of flow velocity. (inside diameter base)
- When tightening the nut, be sure to hold the nipple with a wrench to prevent twisting of the flexible joint.
- In case of high specific gravity fluid, fuel, or high-pressure steam, the hose inside may become charged with static electricity. If the accumulated static charge exceeds the charge limit, it may discharge toward the outer braid, which may cause damage to the hose. If there is such a possibility, use a product with anti-static specification.