

1. Applications and Features

Purpose	Gap adjustment of plumbing, Absorbing lateral movement
Location	Copper pipe line
Features	Insulated flexible joints for copper pipe with insulated unions at both ends.

2. Structure and Parts

Figure 1 shows the structure, and Table 1 shows the part names and materials.

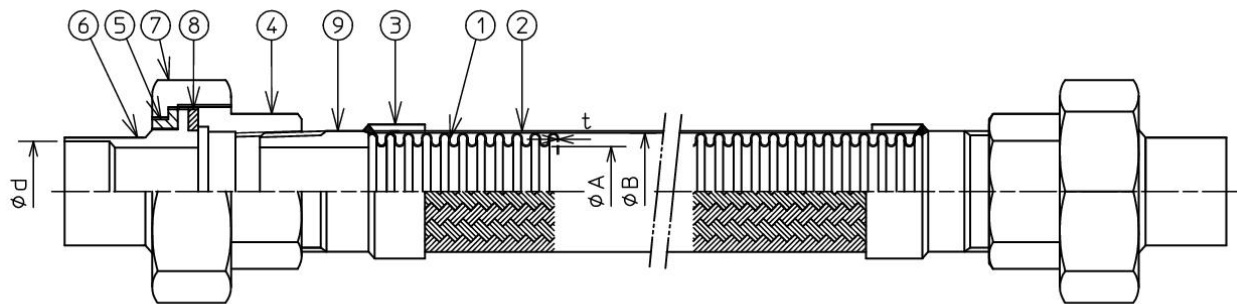


Figure 1 . Structure

Table1. Parts List

No.	Name	Material
1	Bellows	Stainless steel 304
2	Braide	Stainless steel 304
3	Braide cover	Stainless steel 304
4	Union screw	Stainless cast steel
5	Insulation	Bakelite
6	Copper socket	Copper alloy
7	Union nut	Stainless cast steel
8	Gasket	Synthetic rubber
9	Round nipple	Stainless steel 304

3. Dimensions and maximum working pressure

Table 2 shows dimensions and maximum working pressure.

Table2. Dimensions and maximum working pressure Unit : mm

Size	Bellows			Copper outer diameter	Max. working pressure (MPa)
	ϕA	ϕB	t	ϕd	1 ply
15A	13.0	18.4	0.25	15.88	1.0
20A	19.1	25.4	0.3	22.22	1.0
25A	25.5	32.2	0.3	28.58	1.0
32A	33.5	40.3	0.3	34.92	1.0
40A	39.5	47.6	0.35	41.28	1.0
50A	53.0	61.6	0.35	53.98	1.0

※Maximum working pressure is at normal temperature.

4. Applicable temperature range

-10℃~80℃

5. Inspection

Inspection items: Visual inspection, Dimensional inspection (Overall length),
Leak inspection

Frequency : ALL

6. Notes

- When installing, remove the copper tube socket from the product and braze it as a single piece.
- Please refer to the "Installation Instructions" for installation procedures.