

## 1. Applications and Features

Purpose	Gap adjustment of plumbing, Absorbing lateral movement
Location	HVAC pipe line, Sanitary pipeline without drainage
Features	<p>This product is for underground piping and has anticorrosion tape wrapped around the outer surface.</p> <p>SS400 and FCMB joints are coated with epoxy resin.</p> <ul style="list-style-type: none"> <li>• Z-4000MS、 Z-8000MS (Loose flange type)</li> <li>• Z-5000MS、 Z-7000MS (Loose flange type on one side)</li> <li>• Z-9000MS、 Z-10000MS (Union type)</li> </ul>

## 2. Structure and Parts

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

Loose flange type on one side  
(Z-5000MS)

Union type  
(Z-9000MS)

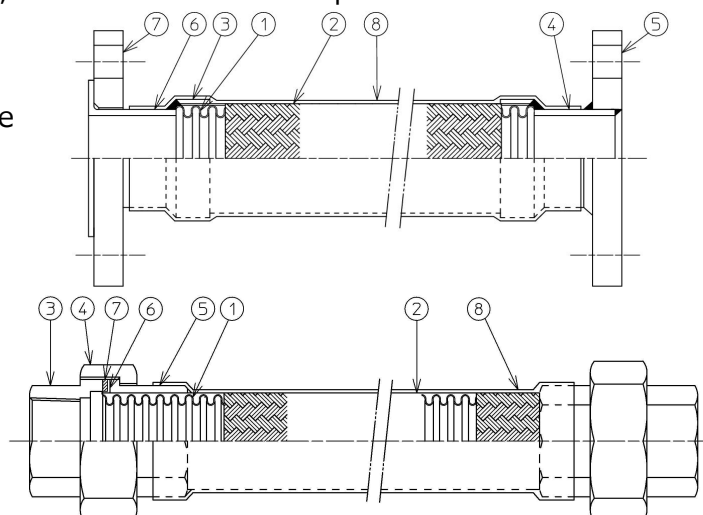


Figure 1 . Structure


Table1. Parts List

### • Loose flange type on one side (Z-5000MS)

No.	Name	Material
1	Bellows	Stainless steel 304
2	Braid	Stainless steel 304
3	Braid cover	Stainless steel 304
4	Pipe	Stainless steel 304
5	Slip-on flange	Stainless steel 304
6	Lap joint	Stainless steel 304
7	Loose flange	Stainless steel 304
8	Anticorrosion tape	PVC

### • Union type (Z-9000MS)

No.	Name	Material
1	Bellows	Stainless steel 304
2	Braid	Stainless steel 304
3	Union screw	Malleable cast iron
4	Union nut	Malleable cast iron
5	Union guard	Malleable cast iron
6	Union collar	Stainless steel 304
7	Gasket	without asbestos
8	Anticorrosion tape	PVC

	<b>Product Specification</b> <b>for Z-4000MS,Z-5000MS</b> <b>Z-7000MS,Z-8000MS</b> <b>Z-9000MS,Z-10000MS</b>	Document No : ZQK-331(B7)
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### 3. Dimensions and capabilities of each product

Please refer to the product specifications listed in Table 2 for the dimensions and capabilities of each product.

Table 2 . Product specifications to be referenced

Product name		Product specification
Z-4000MS	→	Z-4000
Z-5000MS	→	Z-5000
Z-7000MS	→	Z-7000
Z-8000MS	→	Z-8000
Z-9000MS	→	Z-9000
Z-10000MS	→	Z-10000

### 4. Applicable temperature range

-10℃～60℃

### 5. Inspection

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

Frequency : ALL

### 6. NOTES

- Where the water hammer generate in the piping system, the flexible joint might be damaged.  
Please do appropriate impact prevention measures.
- Please refer to the "Installation Instructions" for installation procedures.