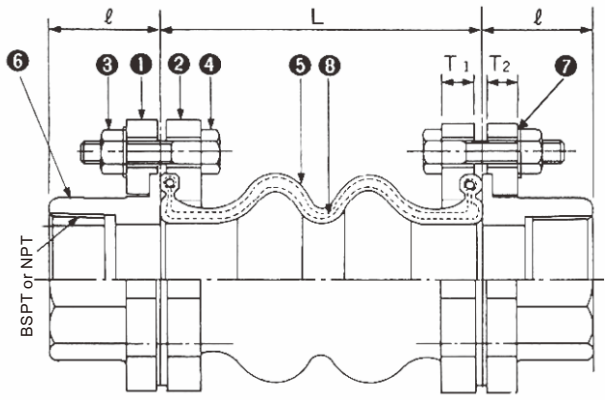
FLEXIBLE RUBBER JOINT

Screwed Type

Fig.GFLEX-GS



Features

Flexible rubber joint can afford large deflection that you can hardly imagine. It has various functions and are highly reliable. Followings are the main features:

High Efficiency for Vibration and Noise Isolation
The twin sphere makes the spring constant small, decreases the body natural frequency and increases the efficiency of vibration absorption.

Withstandability
It can withstand a bursting pressure of over 5.39 Mpa and a maximum working pressure of 2.5 Mpa with the combination of excellent formative technique and strong chemical fibre.

Large Displacement Absorption for Eccentricity, Axial Movement and Angular Movement
Since it can absorb large displacement, Flexible rubber joint is most appropriate for the protection of pipe line system. For example, it can prevent the destruction of connecting pipe due to earthquake and subsidence of ground.

Applicable for both Suction and Delivery
The joint fits for both suction and delivery.

Highly Reliable
The packing parts are strengthened with steel reinforcing rings to prevent the rubber body from slipping out of the fitting sides of flanges.

Convenient to install
When limited space is allowed for installation, the free type sockets can be screwed separately to pipe before fitting in the joint.

Materials

No.	Parts	Materials
1	Flange-A	Carbon Steel
2	Flange-B	Carbon Steel
3	Nut	SS400
4	Bolt	SS400
5	Rubber	EPDM
6	Union Edge	Galvanized Carbon Steel
7	Washer	SS400
8	Reinforcing Cord	Nylon

Applications

Vibration isolation for small pumps and circular pumps.

Sewage disposal purifier line.

Vibration isolation for air-conditioners and pipes.

Not suitable for hot water.

FLEXIBLE RUBBER JOINT

Screwed Type

Dimensions and Displacement Values

Nominal Diameter		Dimensions mm		Axial Displacement mm		Lateral Displacement	Angle of Deflection (Bilateral)
DN (mm)	Inch	L	l	Stretch	Compression		
15	1/2	120	30	10	15	15	30°
20	3/4	120	30	10	15	15	30°
25	1	128	26	10	15	15	30°
32	1-1/4	185	30	10	15	15	20°
40	1-1/2	181	32	10	15	15	20°
50	2	191	32	10	15	15	20°

Operating Condition