ANSI FLEXIBLE RUBBER JOINT TWIN SPHERE UNION-SCREW END

Type: XTQ2L **Doc No: DS-901-XTQ2L-01-E-S**

1.0 PRODUCT OVERVIEW

Flexible Rubber Joint Twin Sphere is composed of a fabric-reinforced rubber member and two malleable iron unions, which is a joint for vibration isolation and compensation of displacement of the pipeline.



Dimensions:

1/2" (DN15)-3" (DN80)

Design Standard:

GB/T 26121

Connection Standard:

ASME B1.20.1

Working Pressure:

300PSI, 250PSI, 200PSI, 175PSI

Application:

Flexible Rubber Joint is an important component of the Waterworks system. The operating temperature range is 0℃～80℃.

Material of Matching Products:

Steel Pipe Nipple
Material: Carbon Steel.
Standard: ASME B1.20.1

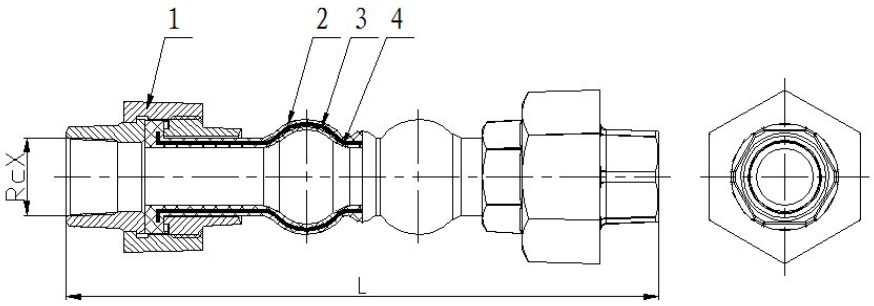
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Location:_____ Date:_____Approved& Date: _____

2.0 APPROVALS

CE

3.0 SPECIFICATIONS

Product Sketch:



Part No.	Part	Standard Specification	Opitions
1	Union	Malleable Iron	
2	Rubber (Outer)	EPDM	NBR
3	Reinforcing Fabric	Nylon Fabric	
4	Rubber (Inner)	EPDM	NBR

4.0 DIMENSIONS AND PERFORMANCE

4.1 Dimensions

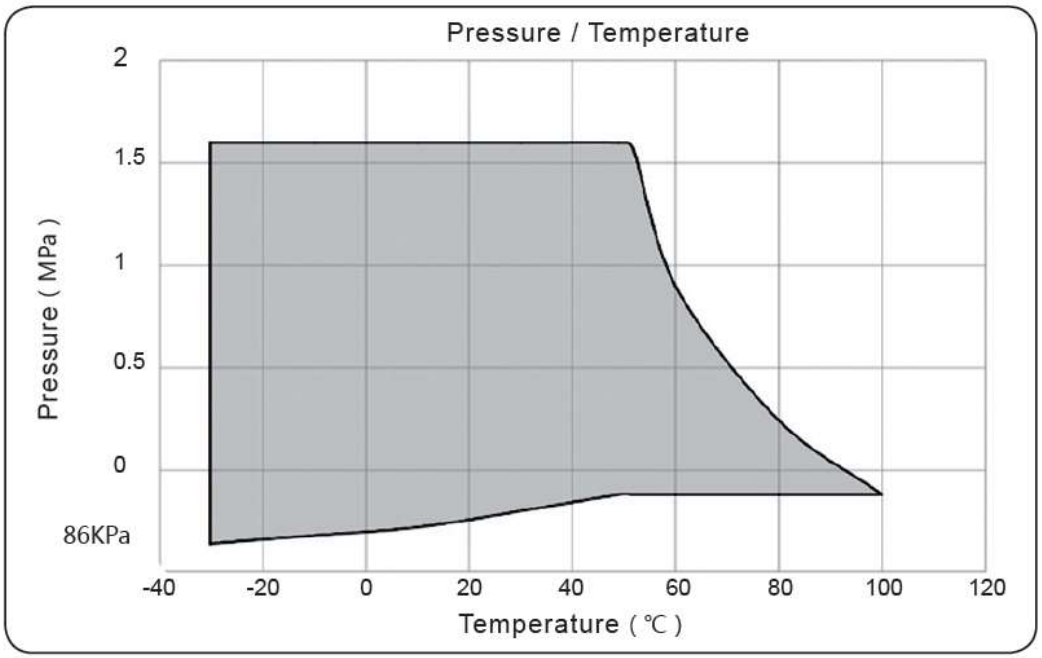
DN		Neutral Length(MM)	Thread	AXIAL(MM)		TRANSVERSE MOMENT (MM)	ANGULAR DEFLECTION DEG
INCH	MM	L	X NPT	Elongation	Compression		
1/2"	15	200	1/2-14	6	22	22	40
3/4"	20	200	3/4-14	6	22	22	40
1"	25	200	1-11.5	6	22	22	40
1 1/4"	32	200	1 1/4-11.5	6	22	22	40
1 1/2"	40	200	1 1/2-11.5	6	22	22	40
2"	50	200	2-11.5	6	22	22	40
2 1/2"	65	240	2 1/2-8	6	22	22	40
3"	80	240	3-8	6	22	22	40

Sign Off:

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Location:_____ Date:_____Approved& Date: _____

4.2 Pressure and Temperature Characteristics table



4.3 Strength Testing

Testing pressure: 218\348PSI
Burst pressure：435\696PSI

5.0 REFERENCE MATERIALS

Approved certification for Rubber Joint

Sign Off:
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