

V653

FLEXIBLE RUBBER JOINT THREADED



Product Description

TVN V653 Flexible Rubber Joints are the elastic elements on the pipelines which absorb vibrations, lateral and angular movements. With its rubber body, prevents the noise that would occur due to vibrations created by pump systems. They can also absorb elongations and contractions that would be caused by temperature differences



Technical Data

Size range	DN15 - DN50
Pressure range	PN10
Temperature	-10°C to +100 °C
Design	DIN 30680
Face to face	DIN 30680
Coating	Galvanized Threads
Testing	EN 12266-1
Marking	EN 19

Application Range

- Hot and Cold Water Systems
- HVAC Applications
- Pumping Stations
- Waste water medium

Related Products

- V651/V652 Flexible Rubber Joint
- V601 Axial Expansion Joint
- V101/102 Wafer Type Butterfly Valve
- V151 Resilient Seated Gate Valve



HVAC



POTABLE WATER

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Product Features

- V653 Flexible Rubber joints(also named as anti-vibration joints) are manufactured with EPDM rubber body and galvanized malleable Iron union (NBR rubber is optional)
- Pressure max. 10 bar depends on nominal size an temperature
- Threaded ends, double sphere
- The synthetic rubber is reinforced with nylon based cord
- Absorbs vibration
- Reduces tensions on the pipeline
- Absorbs lateral and angular movements hence balances the pipeline
- Prevents vibration caused noises
- Absorbs elongations and contractions due to temperature differences
- Helps to absorb water hammer effects
- Maintenance free over all service time
- Light weight construction does not create extra force on the pipeline
- Easy to install on the pipeline
- Contributes to isolation purposes
- Double bellow rubber joints better be installed vertically for efficient and longer operation life



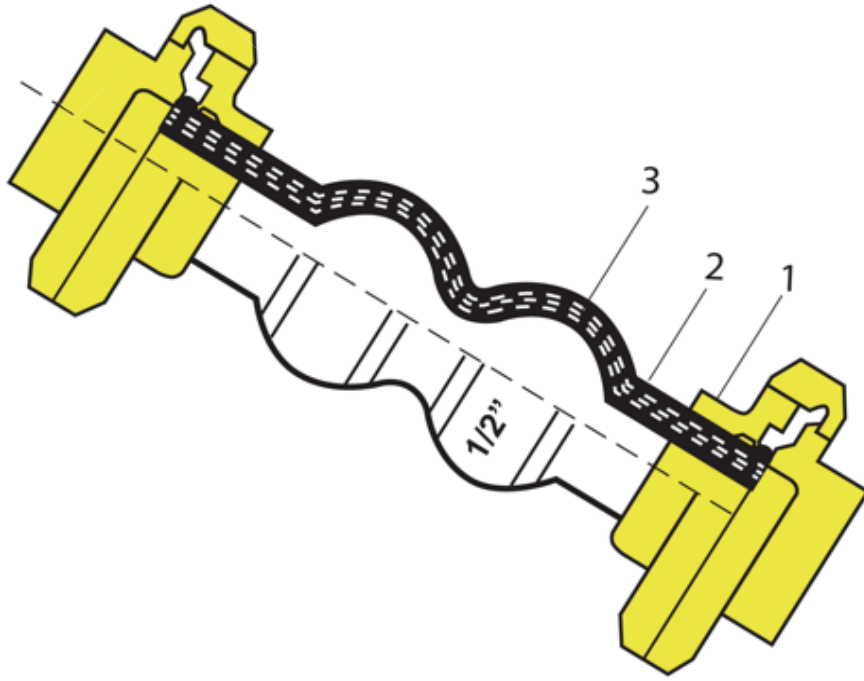
*TVN V653 Threaded Rubber Expansion Joints with yellow galvanization

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Material List & Dimension Table



No	Part	Material
1	Threaded Raccord	Galvanised Malleable Iron
2	Body	NBR / EPDM Rubber
3	Inner Cord	Nylon

Diameter		Length	Movement				Operation Conditions		
DN	Inch	mm.	Contraction	Expansion	Lateral	Angular	Max. Pressure	Max. Temperature	Vacuum
15	1/2"	200	20	10	20	40	10 bar	110 °C	0,4 bar
20	3/4"	200	20	10	20	40	10 bar	110 °C	0,4 bar
25	1"	200	20	10	20	40	10 bar	110 °C	0,4 bar
32	1 1/4"	200	20	10	20	40	10 bar	110 °C	0,4 bar
40	1 1/2"	200	20	10	20	40	10 bar	110 °C	0,4 bar
50	2"	200	20	10	20	40	10 bar	110 °C	0,4 bar