

V653

FLEXIBLE RUBBER JOINT THREADED



Product Description

TVN V653 Flexible Rubber Joints are the elastic elements on the pipelines which absorbs 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



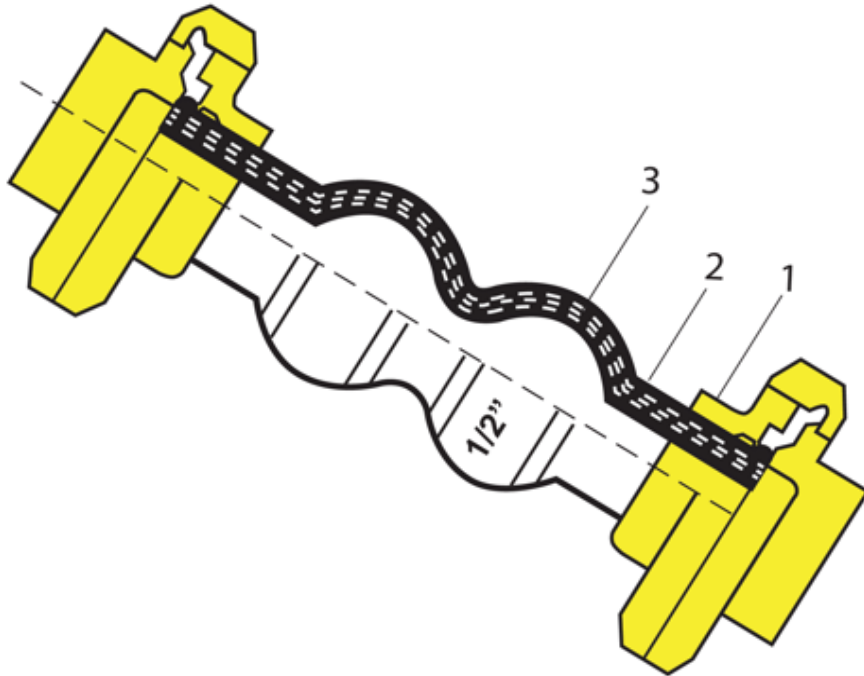
*TVN V653 Threaded Rubber Expansion Joints with yellow galvanization

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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 |