

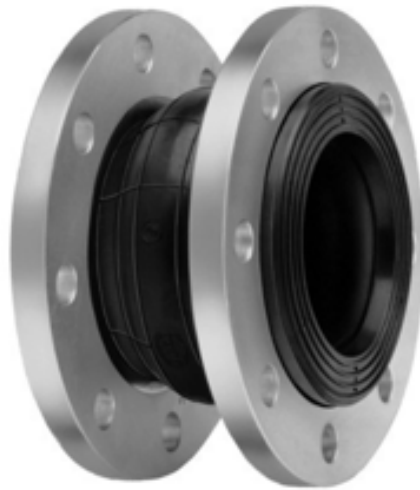
V651

FLEXIBLE RUBBER JOINT STEEL FLANGED



Product Description

TVN V651 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	DN25 - DN1000
Pressure range	PN10 - 16
Temperature	-10°C to +90 °C
Design	DIN 30680
Face to face	EN 1092 - 1 / ISO 7005 - 1
Flange	Galvanised Steel Flanges
Testing	EN 12266-1
Marking	EN 19

Application Range

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

Related Products

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



HVAC

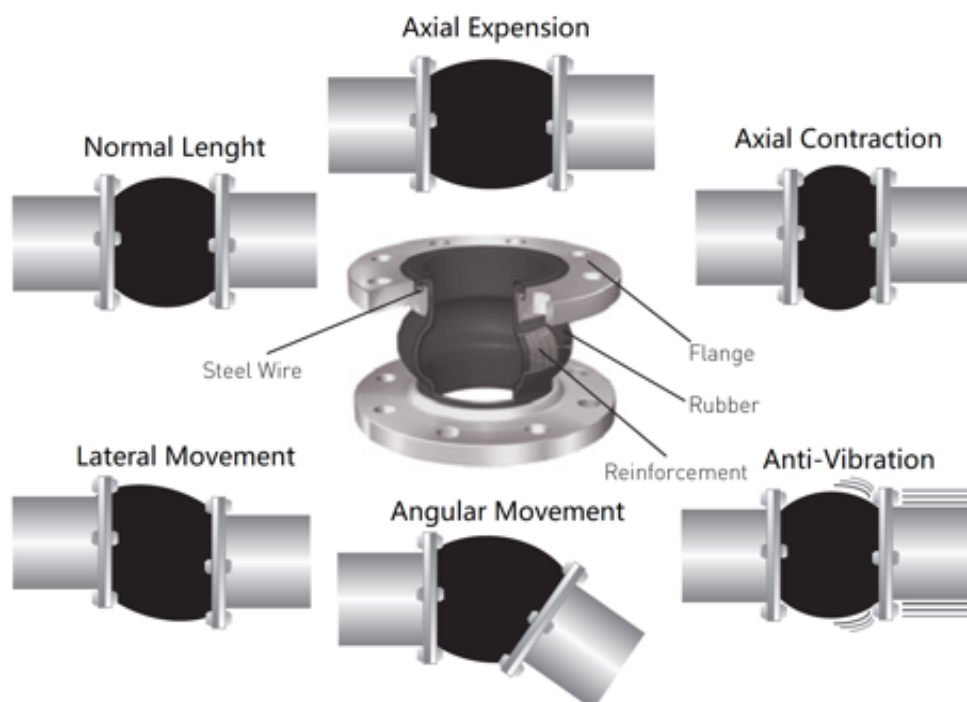


POTABLE WATER

Product Features

- V651 Flexible Rubber joints (also named as anti-vibration joints) are manufactured with EPDM rubber body and galvanized steel flanges. (NBR rubber is optional)
- The synthetic rubber is made of steel wire and nylon braid fibred
- Standard flanges are according to EN/DIN norms. (ANSI Class flanges are available)
- 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
- No need for additional gaskets for counter flange connections
- Flanges are rotary type, easy to align flange holes while installing on the line
- 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
- Resists up to 0,7 bar of vacuum force

Working Principle

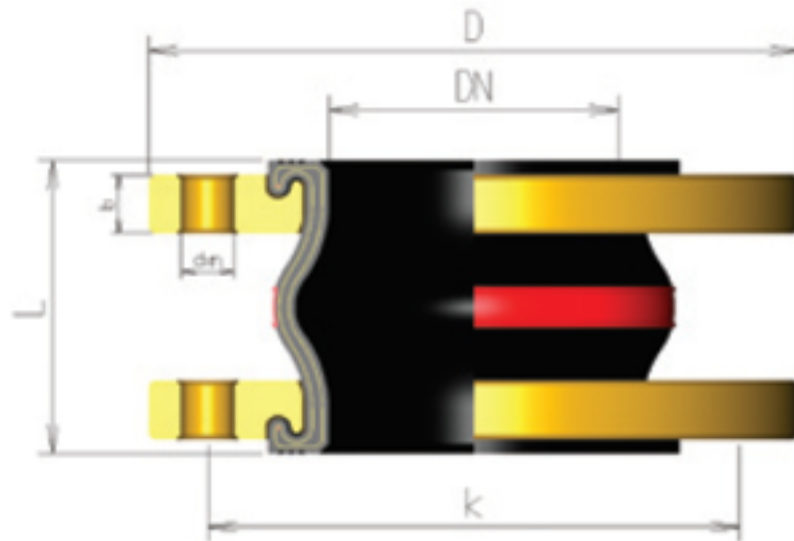


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Material List & Dimension Table



No	Part	Material
1	Body	Steel Reinforced EPDM
2	Flange	Galvanised Steel
3	Sealing	EPDM or NBR

DIMENSIONS								
Size DN inch		ØD	Øk	Ødxn	b	L	PN	Unit Weight (kg)
25	1"	115	85	14x4	16	100	16	1.8
						130		1.8
32	1 1/4"	140	100	18x4	16	100	16	3.3
						130		3.4
40	1 1/2"	150	110	18x4	16	100	16	3.8
						130		3.9
						160		4
50	2"	165	125	18x4	18	100	16	4.5
						130		4.6
						150		4.7
65	2 1/2"	185	145	18x4	18	100	16	5.2
						130		5.3
						150		5.4
80	3"	200	160	18x8	20	100	16	6.7
						130		6.8
						150		6.9

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Material List & Dimension Table

Size		ØD	Øk	Ødxn	b	L	PN	Unit Weight (kg)
DN	inch							
100	4"	220	180	18x8	20	100	16	7.8
						130		7.9
						150		8
125	5"	250	210	18x8	22	120	16	9.6
						130		9.7
						150		9.9
						180		10.1
150	6"	285	240	22x8	22	120	16	11.8
						130		12
						150		12.2
						200		12.5
200	8"	340	295	22x12	24	120	16	16.8
						130		17
						140		17.3
						175		17.7
						210		18
250	10"	405	355	26x12	26	115	16	20
						130		21
						175		22
						250		23.5
300	12"	460	410	26x12	28	130	16	28
						190		29.5
						210		30
						260		31
						275		31.5
350	14"	520	470	26x16	30	160	16	42.4
						210		44
						230		44.5
						260		45
400	16"	565	515	26x16	26	240	10	46
450	18"	615	565	26x20	28	250	10	51
500	20"	670	620	26x20	28	270	10	57
600	24"	780	725	30x20	28	260	10	70
						300		73
700	28"	895	840	30x24	30	220	10	110
800	32"	1015	950	33x24	32	190	10	125
						250		129
900	36"	1115	1050	33x28	34	250	10	180
1000	40"	1230	1160	36x28	34	250	10	245