

JVT1561

High Performance Rubber Expansion Joint
Potable Water Duty
ACS Approved EPDM Liner
DN50-150 PN16 Flanged
DN200-300 PN10 Flanged



The JVT1561 expansion joint helps to alleviate stress in systems by absorbing vibration, noise, thermal expansion, compression, lateral and angular movements in pipework.

Suitable for duties including:-
Potable drinking water.

Features & Benefits

- ACS approved for potable water duty
- Suitable for marine applications
- Single sphere tube
- Synthetic fibre reinforced liner
- Swivelling flanges

Pressure & Temperature

Pressure range:-

DN50 - DN150: PN16
DN200 - DN300: PN10
(see graph below)

Temperature range:-

-25°C to 90°C

SIZE	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
L	130	130	130	130	130	130	130	130	130
ØD1	90	105	120	140	165	190	240	290	340
ØD2	95	110	125	145	170	195	245	295	345
Weight Kg	3.7	4.8	5.3	6.2	8.2	11.2	16.8	21.6	30.1

Maximum Movement (can't be applied simultaneously)



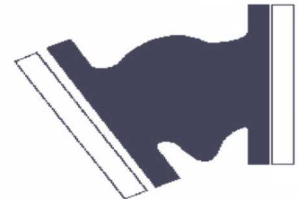
Compression



Expansion



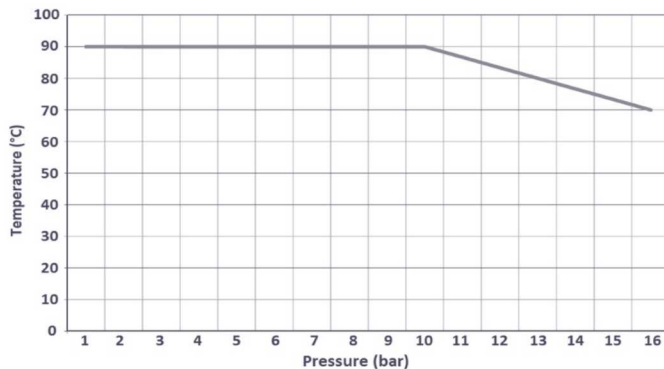
Lateral



Angular

SIZE	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
Compression	30	30	30	30	30	30	30	30	30
Expansion	20	20	20	20	20	20	20	20	20
Lateral	20	20	20	20	20	20	20	20	20
Angular	30°	30°	30°	25°	25°	15°	15°	10°	10°

Pressure / Temperature Graph



MATERIALS

Inner Tube & Cover	EPDM (ACS approved)
Reinforcement	Synthetic fibre
Flanges	Dichromate zinc plated steel
Brace	Carbon steel

OPTIONS

Stainless Steel Flanges	AISI 316
Ti Vacuum Ring (>1 bar)	AISI 316
PTFE Inner Liner	Max 6 bar & 50% reduction in movement

Maximum Vacuum

	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
Bar	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2