

## JVT1565

**High Performance Rubber Expansion Joint**  
**Food & Beverage Duty**  
**White NBR Food Grade Liner**  
**DN50-150 PN16 Flanged**  
**DN200-300 PN10 Flanged**



The JVT1565 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:-**

Food and beverage including fats and oils.

**Features & Benefits**

- Lloyds Register & ABS type approved
- Complies to FDA CRF-21 & EU Dir 1935/2004
- Suitable for marine applications
- Single sphere tube
- Synthetic fibre reinforced liner
- Swivelling flanges

**Pressure & Temperature**

Pressure range:-

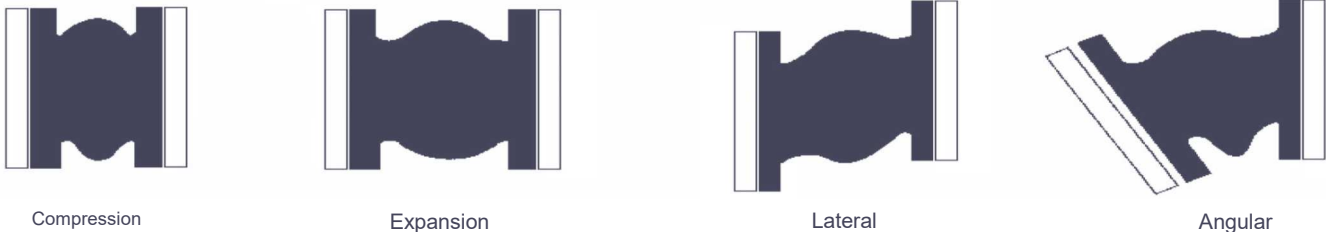
DN50 - DN150: PN16  
DN200 - DN300: PN10  
(see graph below)

Temperature range:-

-25°C to 90°C

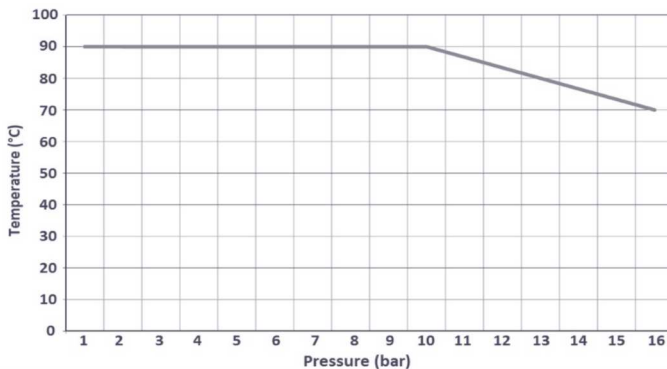
SIZE	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
<b>L</b>	130	130	130	130	130	130	130	130	130
<b>ØD1</b>	90	105	120	140	165	190	240	290	340
<b>ØD2</b>	95	110	125	145	170	195	245	295	345
<b>Weight Kg</b>	3.7	4.8	5.3	6.2	8.2	11.2	16.8	21.6	30.1

**Maximum Movement** (can't be applied simultaneously)



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

**Pressure / Temperature Graph**



MATERIALS	
Inner Tube	White NBR Food Grade Liner
Outer Cover	Epichlorhydrin (ECO)
Reinforcement	Synthetic fibre
Flanges	Stainless Steel (AISI 316)
Brace	Carbon steel

OPTIONS	
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
<b>Bar</b>	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2