

## JVT1501

**Rubber Expansion Joint  
HVAC & Water Duty  
EPDM Tube**

**DN32-150 PN16 Flanged  
DN200-600 PN10 Flanged**



**Type Approval**



The JVT1501 expansion joint helps to alleviate stress in HVAC and water systems by absorbing vibration, noise, thermal expansion, compression, lateral and angular movements in pipework.

### Features & Benefits

- Lloyds Register type approved
- Suitable for marine applications
- Single sphere EPDM tube
- Nylon reinforced liner
- Swivelling flanges

### Pressure & Temperature

Pressure range:-

DN32 - DN300: PN16  
DN350 - DN600: PN10  
(see graph below)

Temperature range:-

-10°C to 100°C

SIZE	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
<b>L</b>	95	95	105	115	130	135	170	180	205	240	260	265	265	200	200	250
<b>ØD</b>	29	37	47	57	74	91	119	145	199	241	294	331	372	431	486	591
<b>ØD1</b>	69	79	90	108	124	145	179	209	261	320	370	420	473	532	587	685
<b>Weight Kg</b>	2.79	3.59	4.23	4.74	6.27	6.47	9.4	12.75	17.73	23.27	29.4	41.3	46.85	55.18	65	74.5

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



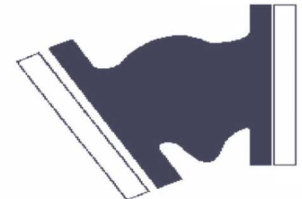
Compression



Expansion



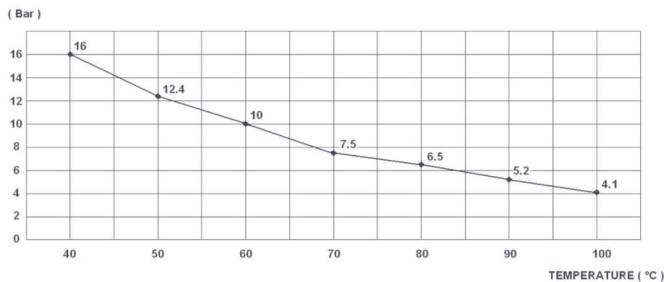
Lateral



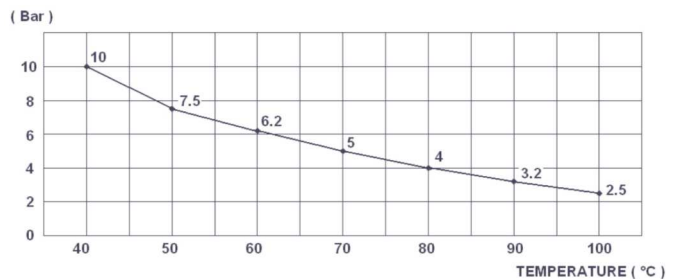
Angular

SIZE	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
<b>Compression</b>	8	8	8	12	12	18	18	18	20	22	24	25	25	20	20	20
<b>Expansion</b>	4	4	4	6	10	10	10	10	14	14	14	16	16	12	12	12
<b>Lateral</b>	8	8	8	10	12	12	12	12	18	18	18	18	18	18	18	18
<b>Angular</b>	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°

### Pressure / Temperature Graph DN32 - DN300



### Pressure / Temperature Graph DN350 - DN600



MATERIALS	
Inner Tube & Cover	EPDM
Reinforcement	Nylon fabric
Flanges	Galvanised steel
Brace	Hard steel

OPTIONS	
PN16 Flanged (DN350 - DN600)	JV1502
NBR Inner Tube & Cover	JV1503
130mm Length (DN32 - DN300)	JV1505
Expansion Limiter (PN10)	98604
Expansion Limiter (PN16)	98603