

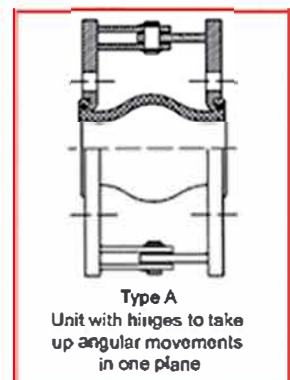
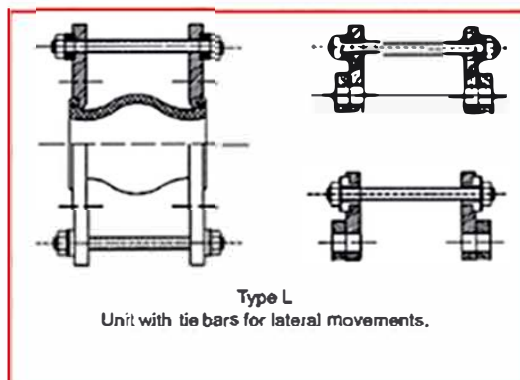
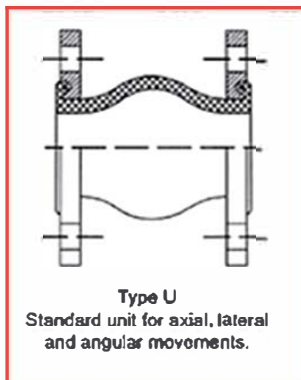


### Features

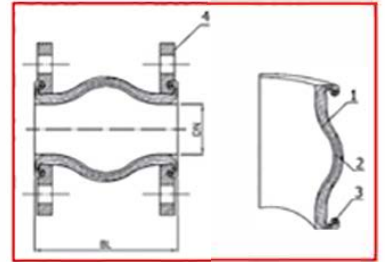
- For applications in industrial and residential pipe systems
- Compensate thermal elongation and misalignment
- Isolate vibrations, dampen noise and pressure surges in connection with engines, pumps, turbines
- Precisely moulded bellow of synthetic rubber with nylon reinforcement
- Various rubber and flange qualities
- Withstand high pressure
- Good performance and long service life
- Turnable flanges – easy to install

### Materials

Colour label	Inner tube	Outer cover	Max. temp.	Applications
Red	EPDM	EPDM	90°C	Hot water, cooling water with salt solutions, chlorine solutions, esters and ketones. Not any oil.
Yellow	ECO	ECO	90°C	Water, salt solutions, alkalis, mineral oils, vegetable or animal oils, oils aerosols, butane or propane gas, etc Tank wagons, tankers and stationary structures for oil-based products and unleaded petrol with less than 50% aromatic hydrocarbon.
White	Nitrile white	ECO	90°C	Drinking water, food and beverages. Including fats and oils.
Green	Hypalon	Chloropren	90°C	Strong and/or concentrated acids, etc. Compressed air that bears oil aerosols.
Blue	SBR	Chloropren	90°C	Wearing material such as sludge suspended stone, calcium.



1	Bellow	Synthetic rubber
2	Reinforcement	Nylon cord
3	Wire	Hard steel
4	Flanges	Carbon steel galvanized according to DIN 2501 PN10 or PN16 Other flange standards are available on request



## Dimensions and movements

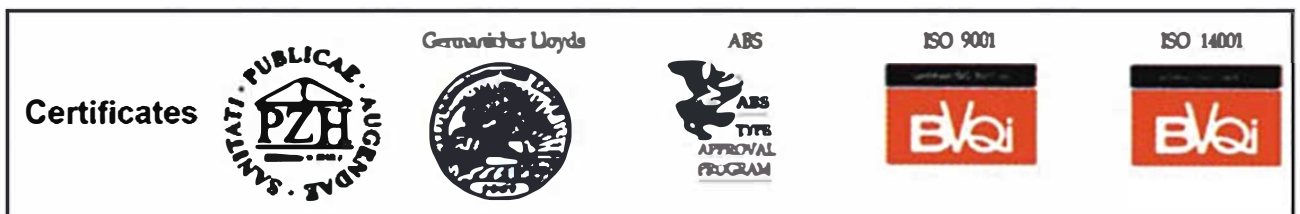
DN mm	BL mm	Eff. cross-sectional area Q (cm <sup>2</sup> )	Permissible movements				Max. vacuum		Weight	
			Compression mm	Elongation mm	Lateral +/- mm	Angular +/- °	W/o support ring bar	With support ring bar	With flanges kg	With flanges & limiters kg
32	130	35	30	20	20	35	0.8	1.0	2,8	4,5
40	130	50	30	20	20	35	0.8	1.0	3,3	4,8
50	130	74	30	20	20	35	0.7	1.0	3,7	5,0
65	130	87	30	20	20	30	0.6	1.0	4,8	6,4
80	130	120	30	20	20	30	0.5	1.0	5,3	7,5
100	130	143	30	20	20	25	0.5	1.0	6,2	9,0
125	130	210	30	20	20	25	0.4	1.0	8,3	11,2
150	130	283	30	20	20	15	0.3	1.0	11,2	13,4
200	130	525	30	20	20	15	0.3	1.0	16,8	19,4
250	130	636	30	20	20	10	0.2	1.0	21,6	25,4
300	130	897	30	20	20	10	0.2	1.0	30,1	33,1

Note: Maximum values do not apply simultaneously.

**Optional equipment:** Teflon lining (PTFE), Vacuum rings (stainless steel), Flame guard etc. are available on request.

## Pressure rating

Pressure	Temperature	Pressure
Max. pressure working	70°C	16 bar
	90°C	10 bar
Max. pressure test	20°C	25 bar
Burst pressure	20°C	>50 bar



Distribution:  
Achterzeedijk 57, unit 8, NL-2992 SB Barendrecht  
Tel. +31.180.624.589 Fax.+31.180.690.758  
www.flexico.nl

