

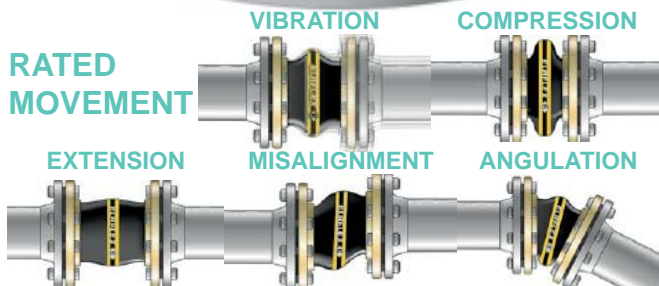


# ELAFLEX RED BAND

UNTIED RUBBER EXPANSION  
JOINTS PN6 OR PN16

## Data Sheet

### RATED MOVEMENT



### General Description

RED BAND compensate for vibration & expansion on pipe services for Water, Drinking water ( WRAS Approved), Cold and warm waste water, Seawater, Cooling water, Water with chemical additives for water treatment, Low concentrated acids and alkalis, salt solutions, Technical alcohols, esters and ketones. If equipment is mounted on springs / inertia bases use the tied variant.

### Working Conditions

Max Pressure: 10 Bar  
Max Temperature: 100 Degrees C  
Test: 1.5x Working

### Material Specification

Flanges: Carbon Steel PN6/16  
Body: spherical moulded BUTYL/EPDM PE reinforced, with wire reinforced collar.

The units are a full bore thus removing pressure drop problems.

### PED Requirements

All Bellows supplied are manufactured and certified in accordance with EU PED Legislation and as such carry the relevant CE certification where required.

BSS Code	Size (mm)	Installed Length	Max Pressure	Temperature Limits °C	Max Axial Movement @ 50°C	Max Lateral Offset @ 50°C	Max Angular Offset @ 50°C
48024363	25	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024374	32	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024385	40	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024396	50	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024404	65	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024415	80	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024426	100	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024437	125	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024448	150	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024459	200	130	10 Bar	-40 - +100	-25mm / +30mm	+/-30mm	+/-10°
48024470	250	130	10 Bar	-40 - +100	-10mm / +30mm	+/-15mm	+/-5°
48024481	300	130	10 Bar	-40 - +100	-10mm / +30mm	+/-15mm	+/-5°

### PLEASE NOTE

ELAFLEX Rubber Expansion Joints have a 10 year design life and are warrantied for a period of 12 months from supply.

ELAFLEX Pump Flex are stamped with Origin of Manufacture, Date Of Manufacture, Batch Number and Size.

As with all bellows, E-Flex being used in the axial plane require the correct guiding & anchoring:

Primary Guides - 2-4 Pipe Diameters - Secondary Guides - 12-14 Pipe Diameters - Anchors at each end of the run

