

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.

ELAFLEX RED BAND

TIED RUBBER EXPANSION
JOINTS PN6 OR PN16

Data Sheet

General Description

RED BAND compensate for vibration & expansionon 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

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.

			51				
BSS Code	Size (mm)	Installed Length	Max Pres- sure	Temperature Limits °C	Max Axial Movement @ 50°C	Max Lateral Offset @ 50°C	Max Angular Offset @ 50°C
48024492	25	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024500	32	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024511	40	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024522	50	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024533	65	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024544	80	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-30°
48024555	100	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024566	125	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024577	150	130	10 Bar	-40 - +100	-30mm / +20mm	+/-30mm	+/-20°
48024588	200	130	10 Bar	-40 - +100	-25mm / +30mm	+/-30mm	+/-10°
48024599	250	130	10 Bar	-40 - +100	-10mm / +30mm	+/-15mm	+/-5°
48024607	300	130	10 Bar	-40 - +100	-10mm / +30mm	+/-15mm	+/-5°

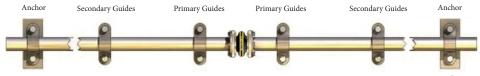
PLEASE NOTE

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



Created on: 17 August 2018 Version: 2

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