



## Type JP02Tied Rubber Bellows.<br/>Now Available With Precision Fit Flexible Lagging Jackets To Suit JP02.SpecificationTied E.P.D.M. rubber bellows with nylon<br/>reinforced body and steel reinforced collar.<br/>Fitted with zinc plated carbon steel swivel<br/>flanges. Drilled to BS. 4504 NP16.ApplicationStourflex untied rubber bellows are designed

to accommodate misalignment and both axial and lateral movement. They are also used to reduce noise and vibration from pumps and reciprocating machinery. Maximum test pressure = 1.5 x working pressure or 1.5 x flange rating, whichever the lower.

## Maximum Pressure & Temperatures

Up to 90°c	6 Bar			
Up to 82°c	10 Bar			
Up to 70°c	16 Bar			
Chilled	16 Bar			



Lagging Stourflex are now able to offer a tailor made flexible lagging jacket to help reduce heat losses on LTHW systems and heat gains & condensation on CHW systems. Please ask for more information.

Part number	N.B. (mm)	Installed Length (mm)	Tie Bars	Lateral (mm)
JP02-25-16	25	130	2	13
JP02-32-16	32	130	2	13
JP02-40-16	40	130	2	13
JP02-50-16	50	130	2	13
JP02-65-16	65	130	2	13
JP02-80-16	80	130	2	13
JP02-100-16	100	130	2	13
JP02-125-16	125	130	2	13
JP02-150-16	150	130	2	13
JP02-200-16	200	130	2	13
JP02-250-16	250	130	2	13
JP02-300-16	300	130	4	13

Supplied length may vary. Tolerance +/-5%

For sizes above 300mm N.B. please refer to the JP04 tied rubber bellows.

Where vacuum conditions or pressures and temperatures above those stated exist, please check with us the suitability of and effects on service life of Stourflex products.

Alternative flange drillings and materials are available on request.

Stourflex products should be installed in accordance with our fitting instructions.

Stourflex rubber bellows should be periodically inspected and replaced if any deterioration is evident.



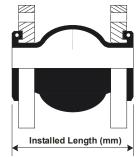


## Installation, Operation and Maintenance Instructions For Rubber Bellows

**Storage** Rubber bellows should be stored in a cool, dark, clean area and be protected from damage caused by other items of plant and equipment.

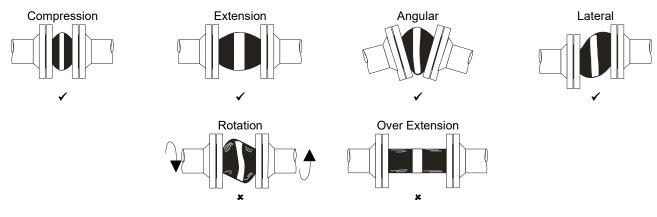
- **Inspection** Rubber bellows should be inspected for internal and external damage prior to installation. The rubber bellows sealing surface should be clean and free from any debris that would prevent a seal or cause damage to the bellows in service.
- **Selection** The Stourflex range of rubber bellows are supplied at varying lengths. The movements stated in the datasheet can only be achieved when the given installation lengths are adhered too.

Check that the correct rubber bellows have been selected for the operating conditions that exist. Temperature, pressure and movement should all be confirmed, as the wrong selection may result in failure of the system. Also check whether vacuum conditions exist and if so whether a vacuum support ring is required and has been fitted.



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**Installation** Rubber bellows should be installed at their neutral (supplied) length. Confirm that the gap left between the mating flanges in the pipework corresponds exactly with the neutral (supplied) length of the rubber bellows. Pipework should be true and straight. Any adjustments should be made to the pipework before the rubber bellows are fitted. See appropriate Stourflex data sheets for the installation length of the rubber bellows being installed.

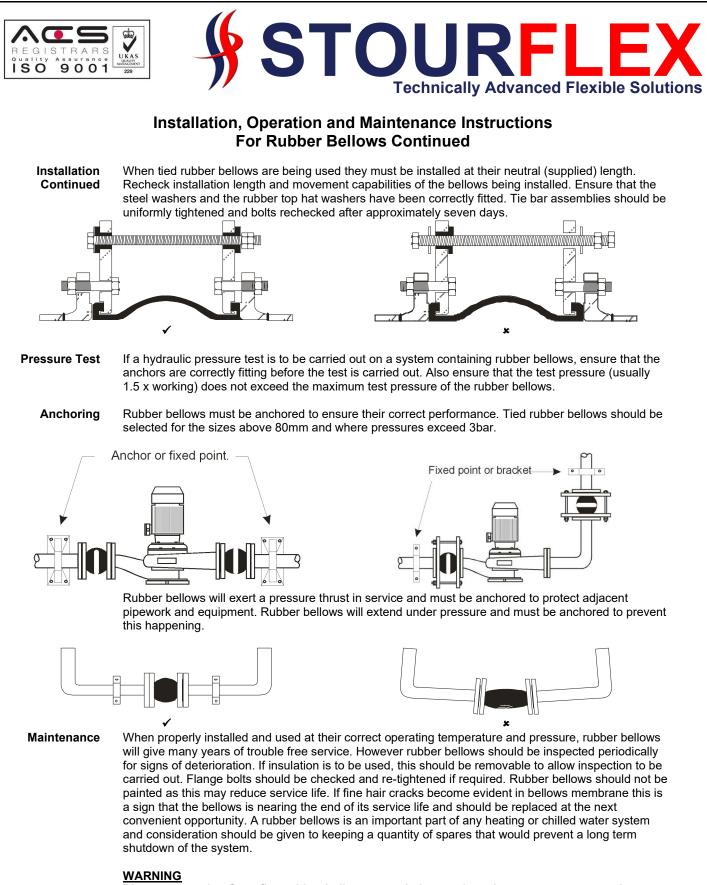


Only the correct mating flanges should be used. They should be the same size and drilling and have a similar sealing face as that of the rubber bellows. They must be clean and free from any debris, sharp edges etc. to prevent damage occurring to the sealing face of the bellows. For mating flanges with a different sealing face diameter a composite gasket should be used to prevent any sharp edges cutting into the rubber sealing face.



Flange bolts must not be over tightened, bolts should be tightened gradually and evenly and in a crosswise manner. Bolts should be positioned so that the bolt head is nearest the bellows to prevent the bolt damaging the bellow in service. Tightness of bolts should be checked approximately seven days after installation.





Please note using Stourflex rubber bellows over their stated maximum temperature and or pressure can cause premature ageing of the rubber body and result in burst failure.

We recommend Stourflex rubber bellows are inspected regularly as part of a routine maintenance procedure, any cracking/blistering of the rubber body, weeping or noticeable hardening of the rubber body then the bellows must be isolated and replaced immediately!

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Any queries please contact Stourflex to discuss.