

# Other Expansion Joints

## Rectangular, PTFE, Fabric & Heavy Walled Expansion Joints

### Rectangular Expansion Joints

Rectangular & square bellows may be rounder corner, single – double miter corner, or camera corner.

Type REJ bellows are available with a large range of options including liners, covers, tie rods, hinges, purge or drain points and external pressurized systems.



2000 MM DIAMETER HEAVY WALLED EXPANSION JOINT FOR AN ACID PLANT



1200 X 1800 RECTANGULAR JOINT USED IN HIGH TEMPERATURE DUCT WORK.



9000 X 4000 RECTANGLE EXPANSION JOINT USED IN POWER STATION FLUE DUCT

### Flexible hoses

Jord Bellows can manufacture and supply flexible hoses in corrugated stainless steel or PTFE with a smooth or corrugated bore. Flexible hoses are used primarily to eliminate the effect of vibration and misalignment.

Jord Bellows can supply flexible hoses with a wide range of end connections.

Sizes can vary from 10mm to 300mm in diameter for convoluted metallic and 6mm to 50mm diameter to PTFE.



600 NB TEFLON LINED EXPANSION JOINT, USED IN ACID LEACHING PROCESS.

### PTFE/Teflon expansion joints

Jord can supply and manufacture PTFE and PTFE lined stainless steel expansion joints. The PTFE lined bellows are manufactured locally in our workshop.

We can also supply antistatic PTFE bellows with sleeves in different configurations, such as angular and lateral type.

This type of bellows allows for the compensation of :

- Vibration
- Thermal strain and expansion
- Axial and radial movement

And due to the outstanding chemical resistance, are mostly used in aggressive media services.

This type of bellows are manufactured from 25nb to 1500nb

The allowable operating pressure is dependent on design, dimension and service temperature, which is between -10 deg C and + 150 deg C

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