



Spectra-Tech

Consultancy Services



INDUSTRIAL BELLOWS, EXPANSION JOINTS & THERMAL INSULATIONS

Our Presence

Spectra-Tech

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Industrial Bellows & Expansion Joints

We supply / manufacture a wide range of industrial Metallica & Rubber Bellows- Expansion Joints, such as,

Metallic Bellows

Heavy Wall Expansion Bellows: - They are compact requiring virtually no additional space beyond the length of bellows and weld ends or flanges for installation. Not imposing a change in the direction of flow.

Axial Expansion Bellows: - Axial expansion joints aim to absorb the axial expansions. They do not change the direction of the flow. Additional assemblage distance is not necessary. Dividing the pipeline helps to prevent stress of lateral forces.

Lateral Expansion Bellows: - Lateral expansion joints absorb transverse and lateral movements and include restraints in the form of a ball bearing type tie rod or flat tie bar with bolts or cross hinges.

Universal Expansion Bellows: - The movements occurred in two directions can only be absorbed by using Lateral Expansion Joints.



Heavy Wall
Expansion Bellow



Axial
Expansion Bellow



Lateral
Expansion Bellow



Universal
Expansion Bellow

Rubber Bellows

Industrial Rubber Bellows: These are capable of absorbing heat induced expansion or movements. Owing to the improved thermal stability.

Neoprene Rubber Bellows: High resistance to adverse weather conditions, we offer Size 20 NB to 3000 NB.

EPDM Rubber Bellows: EPDM Rubber Bellow that is made in accordance with the set industry standards. Owing to the supreme strength, longer service life and reliable performance.

Butyl Rubber Bellows: Offered assortment is manufactured in accordance with the predefined industry guidelines. Owing to the high strength and supreme durability.



Industrial
Rubber Bellows



Neoprene
Rubber Bellows



EPDM
Rubber Bellows

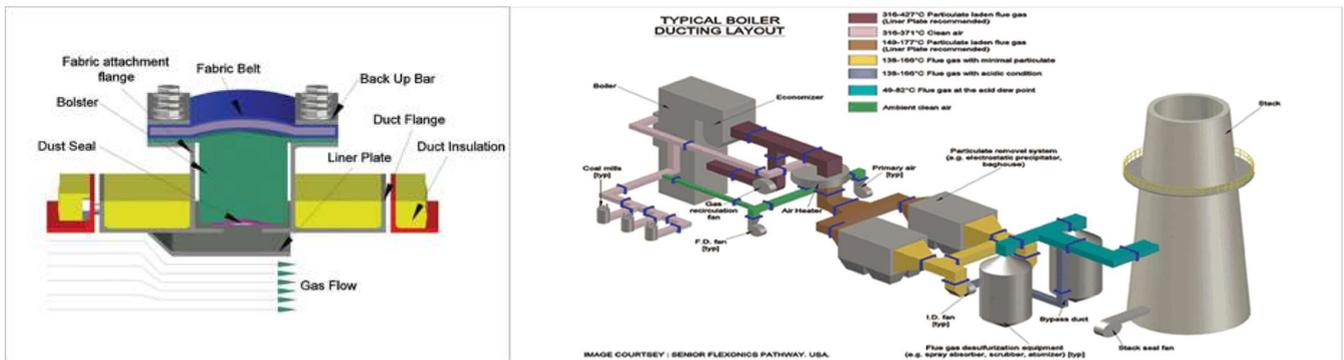


Butyl
Rubber Bellows

Thermal Protection, Anti-Fire Jackets & Fabric Expansion Joints

Anti-Fire jacketing for industrial Equipments to protect against jet & pool fire, typical applications where temperature is around 1100 °C.

Non-Metallic/Fabric Expansion Joints are flexible connectors designed to provide stress relief in ducting systems by absorbing movements caused by thermal changes. They also act as vibration isolators, shock absorbers and in some instances to make up for minor misalignment of adjoining ducting or equipment.” Fabric Expansion Joints are typically designed for ducts where pressure around 3 psi (2000 mm w/c) & temperature up to 1000 °C. However, for higher temperatures, duct itself needs to be internally insulated.



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