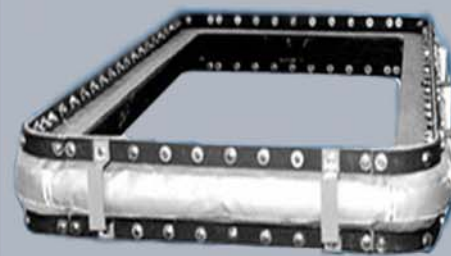
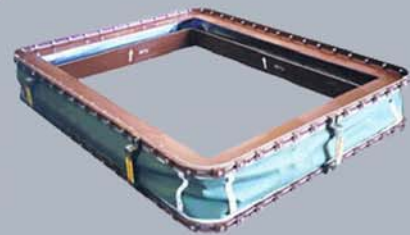
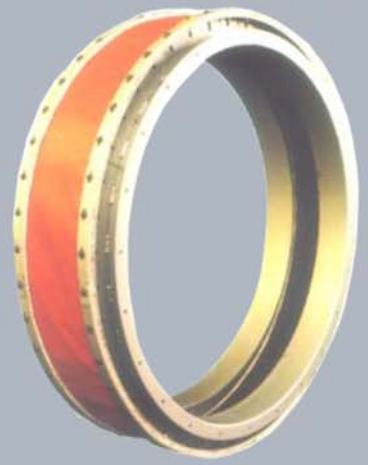




flexican[®] Since 1961
BELLOWS & HOSES PVT. LTD.



NON-METALLIC EXPANSION JOINTS

AN ISO 9001 : 2008 COMPANY





We are Flexican Bellows and Hoses Pvt. Ltd a reputed quality manufacturer of Metal Expansion Joints-Bellows and Compensators based in India with over 30 years of design, manufacturing and delivery experience.

We were the Zaverchand Gaekwad Group from 1961, and since 1989 under the name of Flexican Bellows and Hoses Pvt. Ltd., we have grown from strength to strength with technical collaborations to enhance our technical and critical application capabilities: from 1964 with Compoflex Company Ltd. U.K. (presently known as T.I. Flexible Ltd.) and in 1970 with Aeroquip Corporation, U.S.A., and in eighties with Pathway (now Senior Flexonics) of USA, for the manufacture of state-of-the-art Bellows and Compensators.

Under the brand “**flexican**” Our Team “**flexican**” has the best experience and capabilities to Design, Manufacture and Deliver Quality Bellows and Compensators. Certified for ISO9001:2008 by TUV, Germany, authorized and certified for CE marking on our products, and have been actively involved in the export of our equipment overseas. We have recently been awarded the Shop Approval from IBR (Indian Boiler Regulations – 1950, from Director of Boiler, Ahmedabad Office.)

We firmly believe in constant progress and development, and providing technically sound solutions to our clients' requirements. In an effort to fulfill all the requirements of our valued customers, We have added non-metallic / fabric expansion joints as a part of our list of manufactured and supplied equipment. This is our further step towards becoming one of the only companies in the world which could become a one-stop-shop for all expansion joints and piping solutions in the near future.

Team “**flexican**” has worked closely with leading consultants such as LRIS, MECON, CEIL, TOYO, KPG, UHDE, Bureau Veritas, Avant Garde, JH&G, PDIL, DNV, NPCIL, Bax Council etc.. enabling us to work with, most discerning customers across India, of our database of 1300+ clients from diverse industrial segments such as Public and Private sector industries including SAIL Steel Plants, most Cement plants & power plants, Chemical, Fertilizer, and Petrochemical plants, both Public and Private sector Refineries, Sugar Factories, Textile & Paper Mills, Nuclear Power Corporation, National Thermal Power Corporation, Department of Atomic Energy and many others.





Team “*flexican*” is at your service to design, manufacture and deliver the best solutions for your critical needs and applications.

For further details of our Company and Product kindly refer our Website: www.flexicanbellows.com or write to us.

Challenge, Team “*flexican*” with your requirement and we assure you of our best solutions.

We would be honored to be part of your present and future projects, and request your valuable feedbacks and inquiries.

Where nobody Can Team “*flexi...can*”

Vision

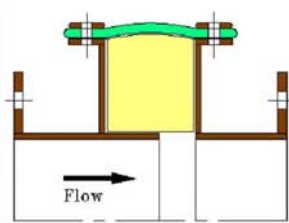
“To be the most trusted and responsible stake holders in the global market place, for expansion joints and piping solutions.”

Mission

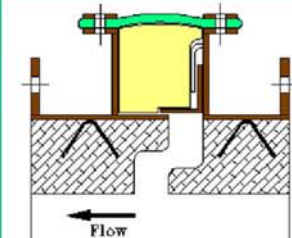
We will reach out to meet the requirements globally ethically and responsibly with great understanding of our customers’ requirements so that companies requiring expansion joints will unhesitatingly rely on us

- We will be the benchmark for Flawless supply of expansion joints.
- Our service and Technical Support to our customer will be at the zenith, thereby maintaining Value to their Products / Applications.
- Excel in all aspects of design, manufacturing & supply of our critical applications in expansion joint solutions.
- Driving Organizational Transformation, that will make us have the conviction and capabilities to deliver on our strategic intent.
- Achieving our sustainability intent of ‘Leadership with Care’, by having leading and best practices on Care for the Environment, Care for the Community, Care for the Customers and Shareholders, and Care for the People.

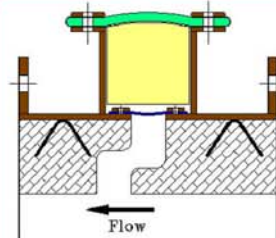




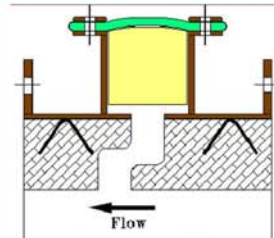
High Neck Single Sleeve



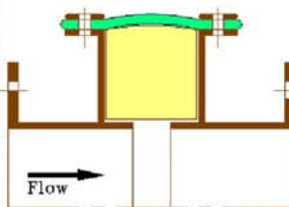
High Neck Floating Sleeve with Refractory height more than 125 mm



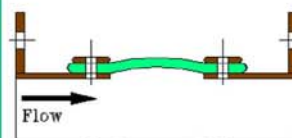
High Neck CB Sleeve with DT Seal & Refractory height more than 125 mm



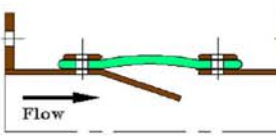
High Neck CB Sleeve with Refractory height more than 125 mm



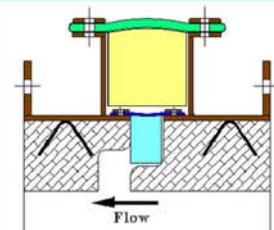
High Neck CB Sleeve



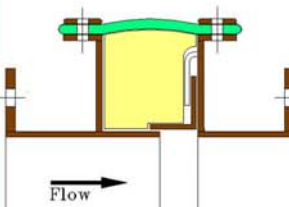
Angle Flange No Sleeve



Angle Flange Taper Sleeve



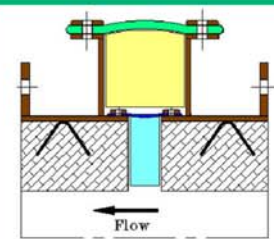
High Neck CB Sleeve with DT Bolster & Refractory height more than 125 mm



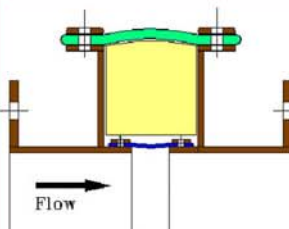
High Neck Floating Sleeve

“flexican” NMEJ take up movements in several directions simultaneously, have almost no reactive forces, need little space for installation, are easy to adapt to existing physical conditions and are convenient to transport and install. We have a large range of fabric expansion joints which include one of single layer expansion joints, consisting of specially developed materials, which cover a temperature range of -65°C to $+200^{\circ}\text{C}$.

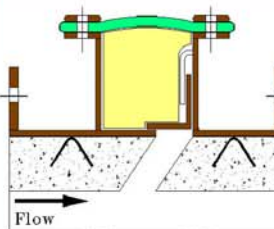
We manufacture also a range of multi-layer expansion joints, covering most operating conditions in air or gas duct systems. The individual type of expansion joint is chosen on the basis of chemical composition of the medium, maximum operation Temperature, flow, pressure etc. These can be supplied with or without a membrane which is impervious and resistant to chemicals. Similarly, the type of outer cover can also be varied depending upon the operation and customer requirement. Fabric expansion joints with fibrous insulation and/or refractory lining are also a part of our manufacturing. Apart from these we have a range of fabric expansion joint products developed exclusively for the cement industry. The special feature of this series is its outer cover, which provides mechanical protection to the fabric expansion joints.



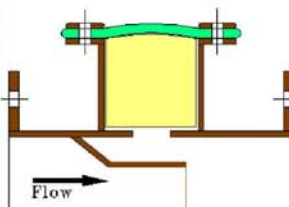
High Neck CB Sleeve with DT Bolster & Refractory height more than 125 mm



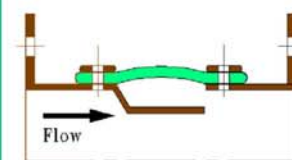
High Neck CB Sleeve With DT Seal



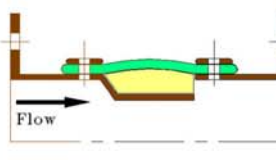
High Neck Floating Sleeve with Refractory height less than 125 mm



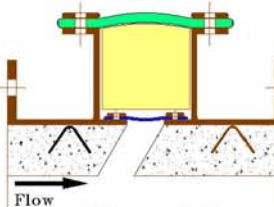
High Neck Loesche Sleeve



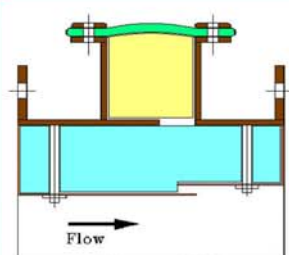
Angle Flange Extended Taper Sleeve



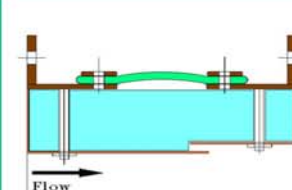
Angle Flange Extended Taper Sleeve with Bolster



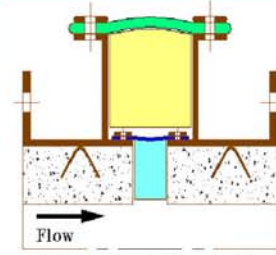
High Neck CB Sleeve with DT seal & Refractory height less than 125 mm



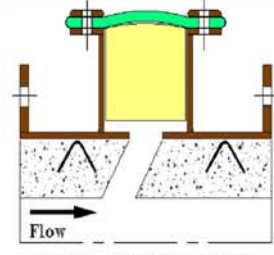
High Neck Cladding



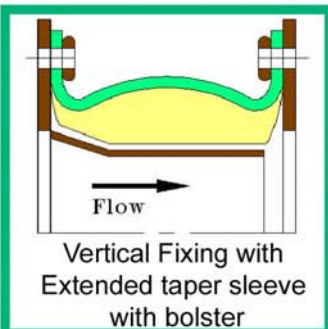
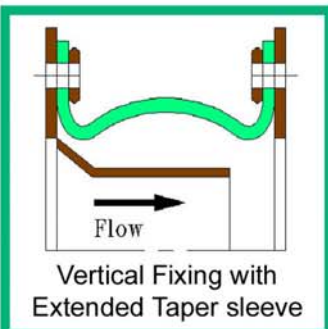
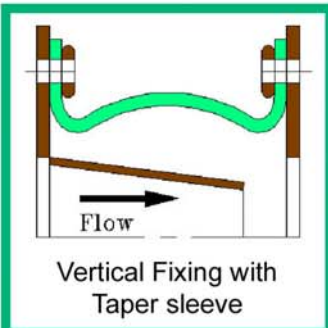
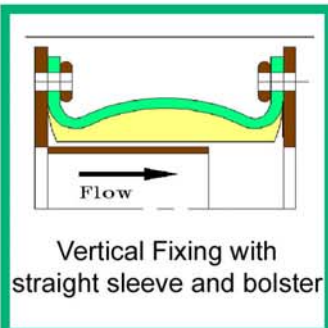
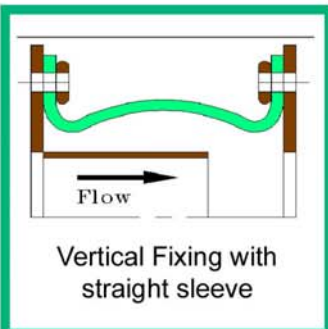
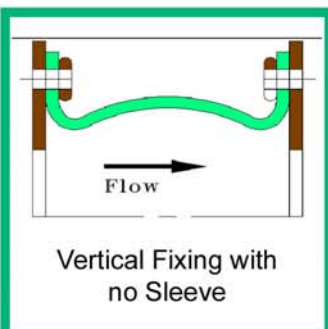
Angle Flange with Cladding



High Neck CB Sleeve with Refractory height less than 125 mm



High Neck CB Sleeve with Refractory height less than 125 mm



The various applications

- Diesel Generator Exhaust Ducts
- Coal Mill Expansion Joints
- Chimney Seals for Multi Flue Chimneys
- Pipe Penetration Joints in HRSG
- Reformer Tube Expansion Joints
- Dust collector units
- Vibration compensation in large exhaust fans and rotary equipment
- Flue gas ducts
- Large circular and rectangular ducts
- Raw mill inlet-outlet
- ESP inlet – outlet
- Pre-heater inlet – outlet
- Economizers and Air-preheater connections
- Various customized applications as per specific requirements...



Rubber Expansion Joints

REJ (Rubber expansion joints) provide a proven and flexible solution to accommodate many types of movements and requirements of industrial plant and equipment. They are good in neutralizing axial, lateral and angular stress and reducing noise in the system. REJ can be used not only in gaseous applications, but also in fluids and slurry applications under different pressure and temperature conditions.

Including:

- Accommodating for pressure loads
- Neutralizing axial, lateral and angular stress
- Reducing noise
- Isolating sources of vibration
- Compensating for misalignment at plant start up
- Prolonging the life of motive equipment
- They are used in all systems transporting fluids, slurries or gases under pressure, at ambient pressure or under vacuum over a wide range of temperatures.

"flexican" offers a complete range of Rubber expansion joint. These joints are offered in various sizes & can be made as per your requirement. The entire range is available in different types such as single arch or multiple arches. These joints are fabricated of high

Moulded Joints

Our most economical full-pressure joint is a molded joint with 1 through 4 arches and large movement per arch. Arches may be filled or unfilled. Sizes can be as per customer requirement. These joints come with standard 150# ASA drilling.

Custom Premium Joints

If the working pressure / vacuum rating is greater than normal or the requirement is for custom face-to-face distances and drilling, "flexican" manufactures a very versatile, robust, hand-made joint with 1 to 4 arches. Arches may be filled or unfilled. Sizes can be as per customer requirement with custom face-to-face distances. These joints are available with any drilling configuration, up to 200°C operating temperature depending upon material. Also these joints are available Teflon®-lined for aggressive chemical environments.



Pipe Size (in.)	Face to Face (in.)	Axial Compression (in.)	Axial Extension (in.)	Lateral Deflection (in.)	Angular Rotation (deg.)	Torsional Rotation (deg.)	Rated Working Pressure (psi)	Min. Burst Pressure (psi)	Vacuum Rating (in. Hg)
1 1/2	6	1 3/4	3/4	3/4	25	3	150	600	15
2	6	1 3/4	3/4	3/4	25	3	150	600	15
2 1/2	6	1 3/4	3/4	3/4	25	3	150	600	15
3	6	1 3/4	3/4	3/4	20	3	150	600	15
4	6	1 3/4	3/4	3/4	20	3	150	600	15
5	6	1 3/4	3/4	3/4	18	3	150	600	15
6	6	1 3/4	3/4	1	16	3	150	600	15
8	6	1 3/4	3/4	1	11	3	150	600	15
8	8	1 3/4	3/4	1	11	3	150	600	15
10	8	1 3/4	3/4	1	10	3	150	600	15
12	8	1 3/4	3/4	1	9	3	150	600	15





Industries & Applications

Coal Fired Power Plants

- Boiler System
- Pulverized Fuel Pipes
- Coal Mill Inlet and Outlet
- Air Preheater Ducts
- Fan Inlet and Outlet
- Gas Cleaning Systems
- Chimneys

Cement

- All Flue Gas Ducts and Process Pipes
- Raw Mill / Coal Mill ducts
- Cement Mill Ducts
- Down Comer Ducts
- From Fans to Bag Filters
- From Fans to ESPs
- Form Cyclones to Fans
- Chimneys

Fertilizer

- Fan Inlet and Outlet
- Reformat Tubes
- Gas Turbines
- Waste Heat Recovery Systems
- Packing Plant
- Flue Gas / Hot Air Ducts

Petrochemicals

- Gas Turbines
- Reformer Tubes
- Waste Heat Recovery Systems
- Air Preheaters
- Fan Inlet and Outlet
- Chimneys
- Flue Gas / Hot Air Duct

Gas Turbine and Combined Cycle Plants

- GT Inlet
- Exhaust Plenum
- Bypass Stack
- Boiler Inlet
- Super Heater
- Pipe Penetrations

Metallurgy - Ferrous & Non-Ferrous (Steel, Copper Aluminum, Zinc)

- Captive Power Plants (CPP) / Gas Turbines
- Roasters
- Smelters
- Electro Static Precipitators (ESP)
- Air Preheaters Ducts
- Fan Inlet and Outlet
- Waste Heat Recovery Systems
- Chimneys

Others

- Water Pipelines
- Pulp & Paper
- Sugar
- Desulphurization Units
- Ships
- Mining



What nobody can
flexi...can



flexican[®]
BELLOWS & HOSES PVT. LTD.

283, G.I.D.C. Estate, Makarpura, Vadodara - 390010 INDIA.
Phone : +91 - 265 - 3043200/201, 2634614/615, 2633605,
Fax : +91 - 265 - 3043202, E-Mail : admin@flexicanbellows.com

www.flexicanbellows.com