



EASYFLEX

ENGINEERING INDIA

INDUSTRY 4.0

MARINE

INDUSTRIAL PLANTS

PETROCHEMICAL

FOOD INDUSTRY

Capital Equipments, Piping and Ducting - related to all such industries are sources of Vibration and Noise.

Easyflex engineers multiple product lines to ensure Safety, efficient operations of overall systems and a benchmark of quality standards for our customers and the People impacted by development in the world at large.

INFRASTRUCTURE

POWER

OIL & GAS

COMMERCIAL CONSTRUCTION

KANWAL INDUSTRIAL CORPORATION

Operating under the Brand Easyflex, is invested in design and manufacturing of

Flexible Piping Components

Vibration & Noise Control Technology

And Technology in

Pipe Thermal Stress Analysis

Shock Isolation Design

Seismic Design & Engineering



Easyflex TM



FLEXIBLE CONNECTIONS

Expansion joints and Bellows are specially designed for industrial and commercial **installations using, piping** which requires expansion / contraction or movement joints to deal with thermal expansion, vibration, water hammer or ground movement.



Genset Exhaust Bellows



Universal Bellow



Toroidal Expansion Bellows



Single Arch Neoprene Joint



Double Arch Neoprene Joint



Floating Flange Flexible Joint





SIZE : 1700MM NB

Metallic Expansion Joints & Bellows

Expansion Joint is a **Flexible Bellow Element** made up of a series of **Convolutions**.

Expansion Joints are designed to withstand the **Pressure of the System** with enough **Flexibility to compensate for movements** required by the Piping or Ducting system.

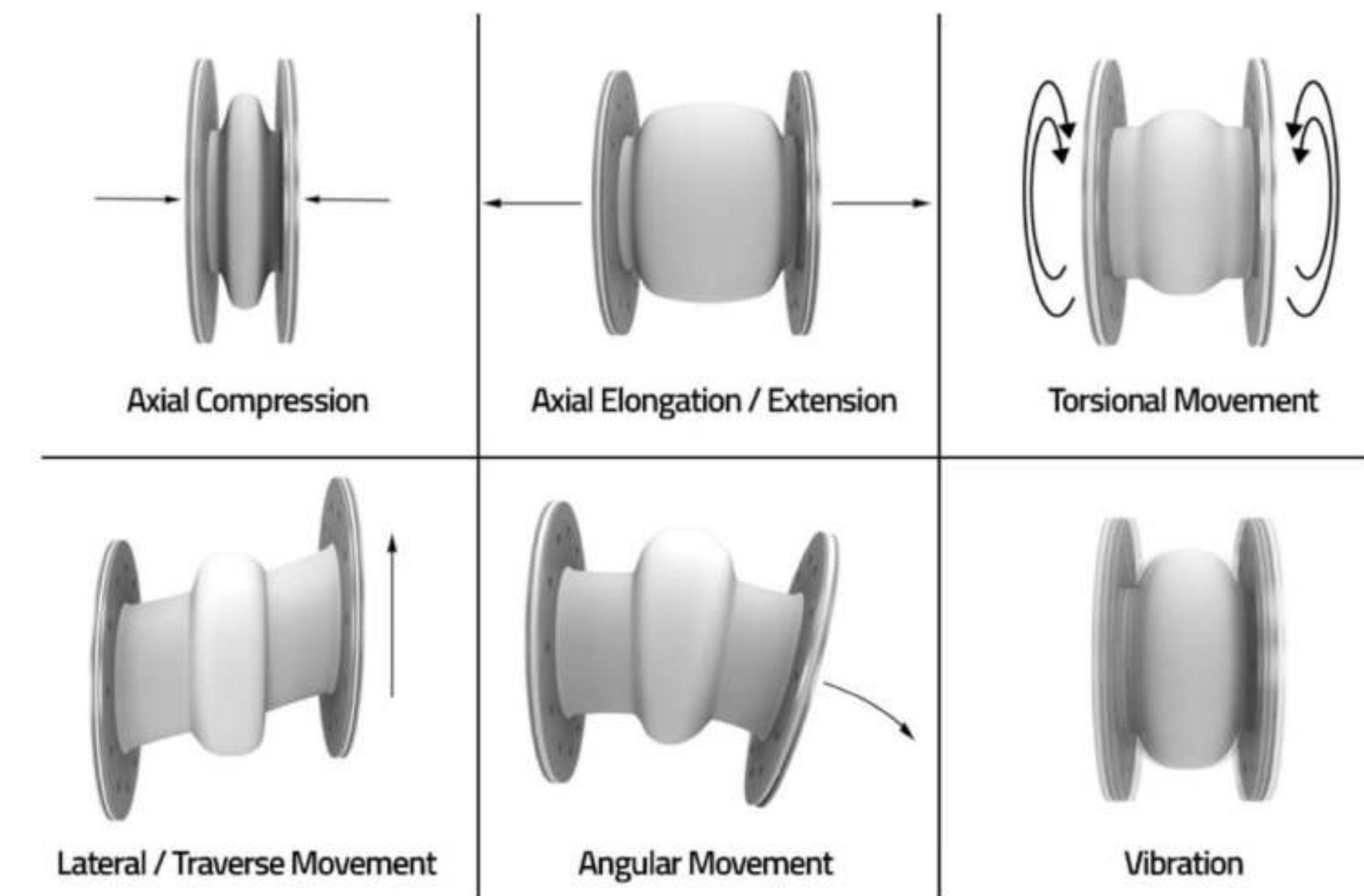
Types of Movements

- Axial Elongation
- Axial Compression
- Angular
- Universal

DESIGN SPECIFICATIONS

- Temperature : **Upto 1000°C**
- Pressure : **Upto PN 100 BAR**
- Sizes : **Upto 3000mm**
- Universal Bellows for Higher movements

MOVEMENT



EXHAUST GAS BELLOWS

Thermal Expansion in Piping & Ducting systems connected to **Mechanical Equipments** cause **Stress and Vibration** in the associated pipe work.

Applications

- **Diesel Generators**
- **Turbines**
- **Exhaust Ducts**
- **Boilers**



GIMBAL BELLows



Size : 300 NB | Designed for 300mm movement in all directions

UNIVERSAL EXPANSION JOINT

**Easyflex Universal
Expansion Joints
for piping
installed with Gas
Turbine at a
Captive Power
Plant of a Sugar
Mill.**

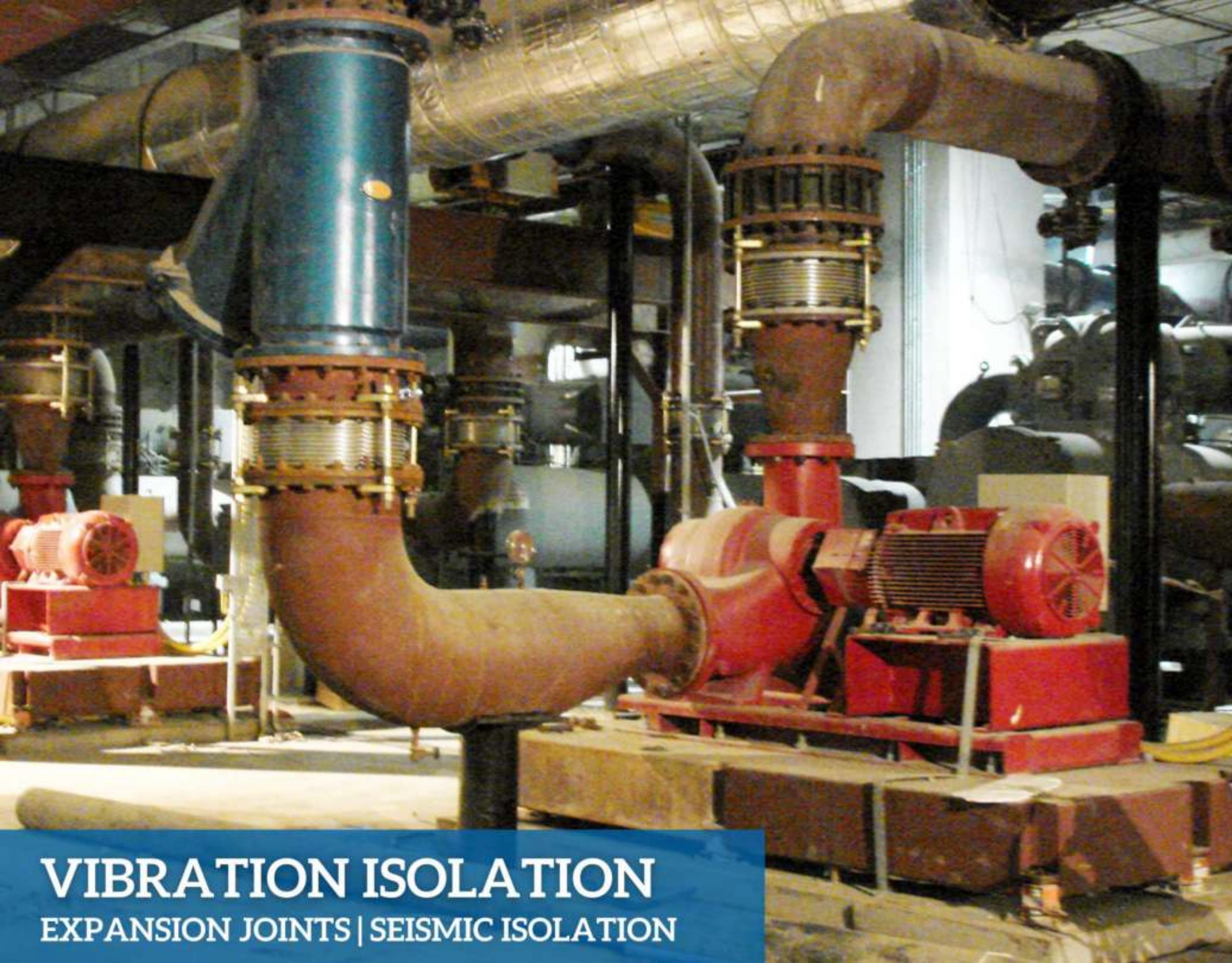


Size : 1200mm NB X 1200mm OAL | SS304 Bellow with Inner Sleeve | Carbon Steel Flanged Ends

HINGED EXPANSION JOINTS



Application : HIGH PRESSURE PIPING SYSTEMS



VIBRATION ISOLATION
EXPANSION JOINTS | SEISMIC ISOLATION

PUMPS

Expansion Joints & Hoses are installed in Piping Systems connected to

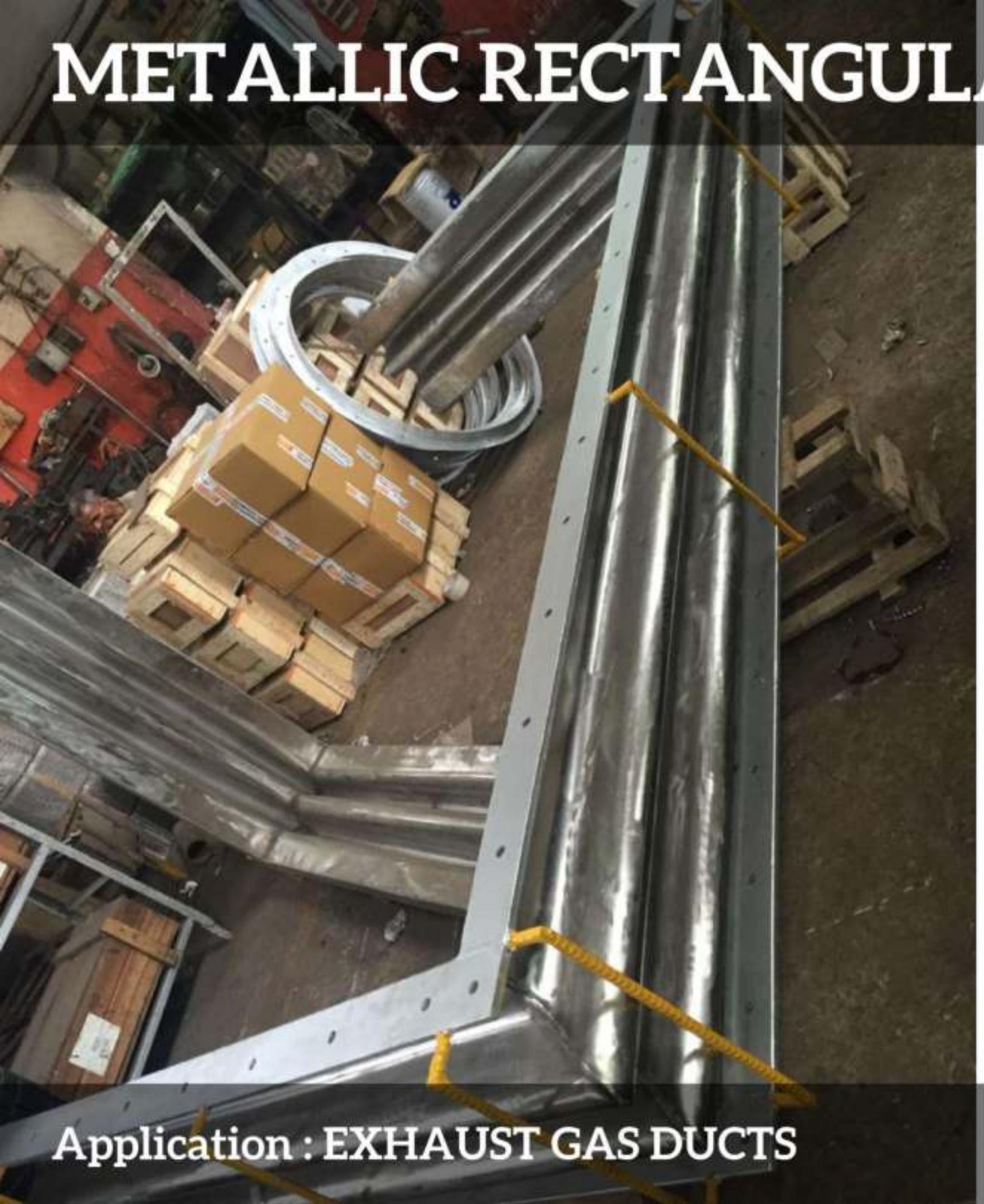
- Pumps
- Chillers
- Generators
- Exhaust systems
- Engines
- Flue Gas Pipelines

The Selection and Design process of Easyflex Metallic Expansion joints are in compliance with the **Expansion Joints Manufacturer's Association (EJMA)** and **Fluid Sealing Association (FSA)**.



UNIVERSAL TIED BELLows FOR PIPE RISERS

METALLIC RECTANGULAR BELLOWS



Application : EXHAUST GAS DUCTS



RUBBER EXPANSION JOINTS



Size : 900 NB | Application : ENERGY PUMPS

RUBBER EXPANSION JOINTS



Application : SLURRY PUMPS | FLOATING FLANGE BELLOWS



PARTIAL CLIENT LIST

Easyflex

TM

In addition to our Manufacturing capabilities, our Design Engineers at Easyflex are equipped for

- Pipe Thermal Stress Analysis
- Finite Element Analysis
- Seismic Design & Engineering

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