



MONDAL ENGINEERING CONCERN

Manufacturers of Industrial Equipment &
Complete Engineering Solutions

EXPANSION JOINTS

**FLEXIBILITY THAT PERFORMS.
RELIABILITY THAT LASTS.**



ENGINEERED FOR PERFORMANCE

Our Expansion Joints are designed to absorb movement, vibration, and misalignment in piping and ducting systems. Manufactured using high-quality materials, they provide exceptional flexibility, corrosion resistance, and long service life with minimal maintenance.



ABSORBS MOVEMENT

Accommodates axial, lateral and angular movements effectively.



HIGH TEMPERATURE RESISTANCE

Suitable for high temperature applications with excellent thermal stability.



CORROSION & CHEMICAL RESISTANCE

Resistant to corrosion, oxidation, and most industrial chemicals.



LONG SERVICE LIFE

Premium quality materials ensure long life with minimal maintenance.



EASY TO INSTALL

Lightweight construction for easy handling and quick installation.

NON-METALLIC EXPANSION JOINTS

Non-metallic expansion joints are ideal for applications where high flexibility, vibration absorption, and corrosion resistance are critical.



TYPES OF NON-METALLIC EXPANSION JOINTS



RECTANGULAR
EXPANSION JOINT



CIRCULAR
EXPANSION JOINT



MULTI-PLY
EXPANSION JOINT



ANGLE
EXPANSION JOINT



SPHERICAL
EXPANSION JOINT

TYPICAL APPLICATIONS



Power Plants
(Boilers, ESP,
FGD Systems)



Cement Plants
(Kilns, Coolers,
Ducts)



Steel Plants
(Ducting, Fans,
ID/FD Systems)



HVAC & Air
Handling
Systems



Chemical &
Petrochemical
Plants



Furnaces &
Industrial
Process Lines

SS EXPANSION JOINTS



Stainless Steel Expansion Joints are designed for high pressure, high temperature and corrosive environments. Robust construction ensures excellent durability and leak tight performance.

TYPES OF SS EXPANSION JOINTS



AXIAL
EXPANSION JOINT



UNIVERSAL
EXPANSION JOINT



HINGED
EXPANSION JOINT

ACCOMMODATES MOVEMENTS



AXIAL

Absorbs linear movement along the axis.



LATERAL

Absorbs side to side movement.



ANGULAR

Absorbs angular or rotational movement.

TYPICAL CONSTRUCTION



OUTER COVER

Weather & abrasion resistant fabric

REINFORCEMENT

High strength synthetic fabric

INNER LINING

Chemical & temperature resistant elastomer

DESIGNED & TESTED

According to industry standards for safe and reliable performance.

FEATURES

- ✓ High flexibility & movement absorption
- ✓ Temperature resistance up to 700°C*
- ✓ Excellent vibration reduction
- ✓ Corrosion & chemical resistance
- ✓ Gas tight construction
- ✓ Custom designed to suit application
- ✓ Low maintenance & cost effective
- ✓ Available in various shapes & sizes
- ✓ Easy to install

*Depends on material selection

QUALITY ASSURANCE

- ✓ Premium Quality Raw Materials
- ✓ Strict In-Process Inspection
- ✓ Dimensional Accuracy
- ✓ Performance Tested
- ✓ Reliable. Safe. Built to Last.



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**CUSTOM ENGINEERED SOLUTIONS
FOR YOUR CRITICAL APPLICATIONS**