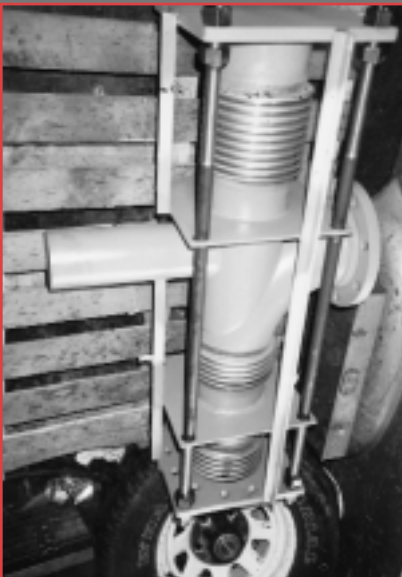


# EXPANSION JOINTS



An Expansion Joint is a flexible seal. The flexible element is an engineered product designed to absorb thermal growth and movements in a piping or ducting system. The specific application frequently dictates the use of either a metal or fabric element.

## **The advantages of a metal expansion joint are:**

- Can be designed for liquid or gaseous media
- Can withstand large temperature extremes, including cryogenic
- High pressure capability
- Non-Combustible
- Completely gas and liquid tight
- Two-ply testable capability
- Cost efficient for small piping systems when movement is minimal
- No maintenance



*"We're Expanding"*

## **APPLEGATE INDUSTRIAL MATERIALS, INC.**

P.O. BOX 428 • Baton Rouge, Louisiana 70821-0428

(225) 336-4116 • Fax (225) 336-4317 • 1-800 THE FLEX (800-843-3539)

E-Mail: [AIM@concentric.net](mailto:AIM@concentric.net)

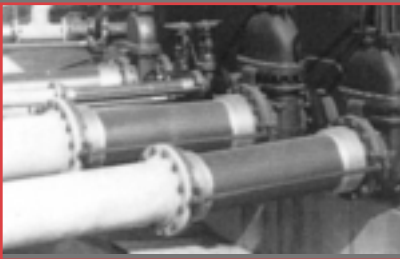
Expansion Joints • Exhaust Components • Metal Hose • Specialty Fabrication

# EXPANSION JOINTS

## The advantages of fabric joints



- Cost efficient for large ducting systems
- Large movement capabilities
- Lower initial design costs
- Ability to absorb torsion
- High corrosion resistance
- Vibration isolation
- Negligible spring force
- Accommodates large misalignments in ducting systems
- Easy replacement of just the fabric element



Applegate Industrial Materials offers a complete line of both metal and fabric expansion joints in a wide range of shapes and styles to fit most any application.



*"We're Expanding"*

**APPLEGATE INDUSTRIAL MATERIALS, INC.**

P.O. BOX 428 • Baton Rouge, Louisiana 70821-0428

(225) 336-4116 • Fax (225) 336-4317 • 1-800 THE FLEX (800-843-3539)

E-Mail: [AIM@concentric.net](mailto:AIM@concentric.net)

Expansion Joints • Exhaust Components • Metal Hose • Specialty Fabrication