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



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

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E-Mail: info@the-flex.com

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.



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