

# Therma Flex™ Expansion Joints



Therma Flex expansion joints are non-metallic flue duct expansion joints or flexible connectors which provide stress relieve for piping and ducting systems by absorbing thermal growth and shock, isolating mechanical vibration, and allowing for misalignments.

Flue duct expansion joints are custom engineered products designed to handle low-pressure applications with temperatures from -100° F to 2,000° F.

## Overview



### Features

- Standard profiles include U-type, flat belt type, square, rectangular, and round
- Corrosion and chemical resistance
- Baffles protect the inner surface from particulates in the gas stream
- Retaining rings made from carbon or stainless steel



### Benefits

- Stress relief for piping and ducting systems
- Absorbs thermal growth and shock
- Isolates mechanical vibration
- Simple retrofit into existing ducting system
- Cost-effective solutions to compensate for movement in ducting systems