

SERIES 130

PTFE EXPANSION JOINTS

APPLICATION

PTFE expansion joints, which are available in 3 and 5 convolutions, are recommended to handle highly corrosive media, with glass or plastic piping or in HVAC applications. They are used to absorb thermal changes, vibration and noise and also compensate for line misalignment.

TEMPERATURE - PRESSURE

Teflon expansion joints withstand temperatures as high as 230°C and as low as -70°C. Temperatures of the system affect the pressure rating of the expansion joints. For vacuum service, anti-vacuum rings made of stainless steel and encapsulated with PFA tube are put inside the convolution.



FEATURES

- Unique protection against chemical, corrosion, and high temperatures.
- Low spring rates for axial, lateral and angular movements to protect stress-sensitive equipment at elevated temperatures.
- High or low-temperature performance.
- Absorption of large movements with short overall length due to high flexibility.

PRESSURE VS. TEMPERATURE - 3 CONVOLUTION

