



seiris
EXPANSION JOINTS

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seiris
EXPANSION JOINTS

METAL EXPANSION JOINTS

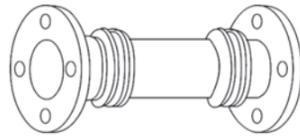


TYPES OF EXPANSION JOINTS

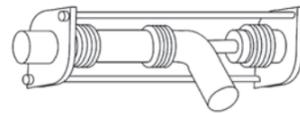
CIRCULAR EXPANSION JOINTS

Single or multiple ply
Diameter ranging from 15 to 8000 mm

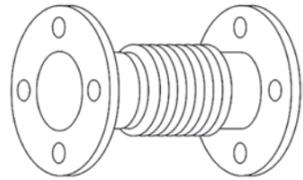
Lateral



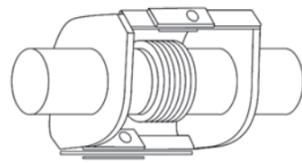
Pressure Balanced



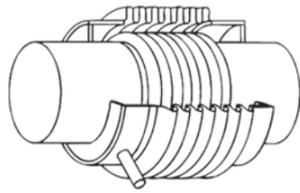
Axial



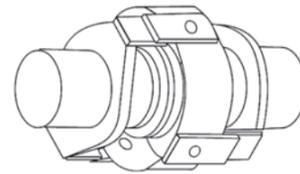
Hinged



Jacketed



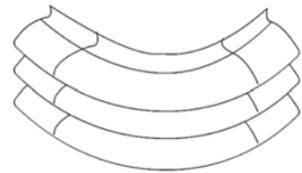
Gimbal



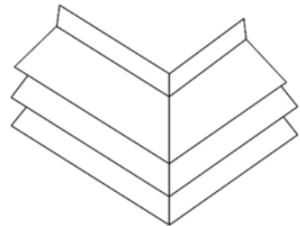
RECTANGULAR EXPANSION JOINTS

Limitless dimensions

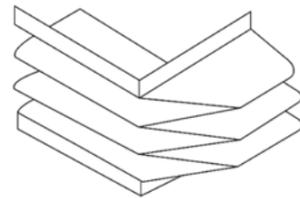
Rounded Corners



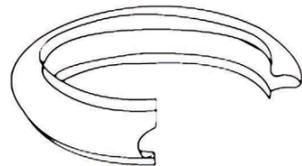
Miter Corner



camera corners



SINGLE CONVOLUTION

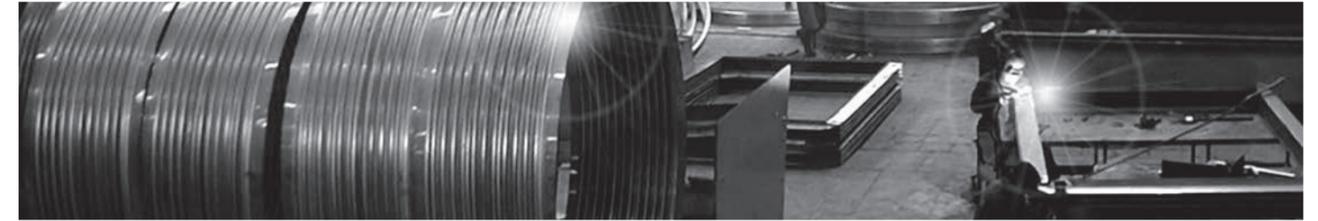


SELECTION CRITERIA

- Temperature resistance
- Resistance to corrosion
- Forming capacity
- Mechanical characteristics
- Flexibility

MAIN ADVANTAGES

- High pressure resistant
- Flexibility
- Low spring rates
- Low maintenance



MATERIALS

Materials used in manufacturing are :

- Austenitic Steels as AISI 321, 304, 316, 316L, 316Ti, 309, 253 Ma, 254 SMO, etc.
- Nickel Alloys such as Monel 400, Inconel 600, 625, Incoloy 800 H, Hastelloy, etc.

STANDARDS

Metal Expansion Joints are designed, manufactured and tested according to Internationally Recognized Codes and Standards :

- E.J.M.A. (Expansion Joints Manufacturers Association, Inc.),
- ASME,
- AD Merkblatter, etc.

QUALITY CONTROL

A WIDE RANGE OF TESTS CAN BE CARRIED OUT ON CUSTOMERS REQUEST

- Radiography
- Liquid penetration
- Ultrasonic
- Magnetic particles
- Hydraulic pressure
- Materials analysis
- Spring rates
- Helium leak detection

SERVICES

- Technical assistance for the design of piping systems
- On site inspection
- Measurements

