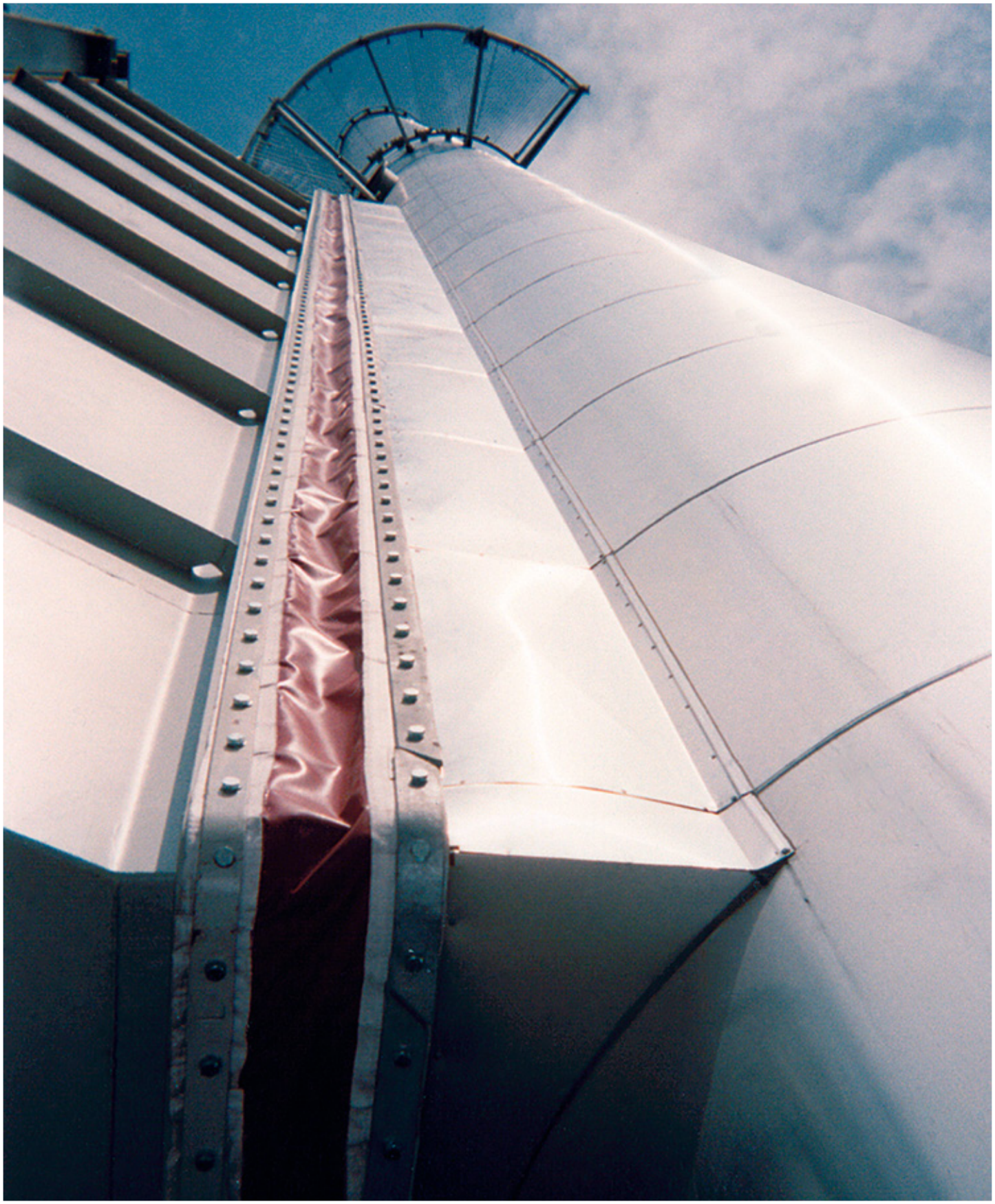


seiris
EXPANSION JOINTS

FABRIC EXPANSION JOINTS

TYPES OF EXPANSION JOINTS

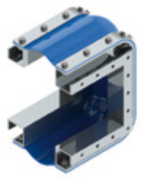
FABRIC EXPANSION JOINTS

Single or Multiple Layer construction, Limitless Dimensions, Any shape, Temperature up to 1 200°C

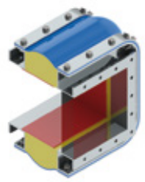
BELT TYPE

Belt with t-bolt clamp bands

Belt rectangular



Belt with bolster rectangular



Belt with bolster circular

Belt convex

FLANGED TYPE

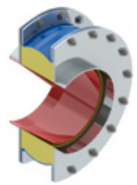
Flanged circular

Flanged rectangular

Flanged conical

Flanged with internal sleeve

Flanged with bolster

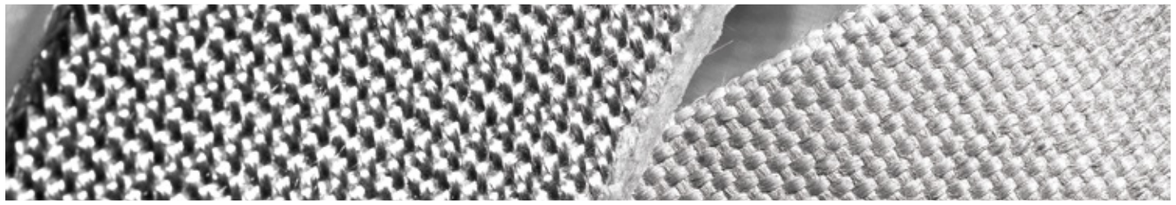


SELECTION CRITERIA

- Ambient conditions
- Type of medium with chemical contents
- Temperature
- Pressure
- Dimensions and Shapes

MAIN ADVANTAGES

- Compensate large movements (Axial, Lateral, Angular, Torsion)
- No limits in dimensions
- Low cost of raw materials
- Low cost of Installation and Maintenance
- Light and Handy (reduced load for the ducts and safe for the staff)
- Corrosion resistance



MATERIALS

Supporting layer : Provides protection during handling and system operation + basis for arched or convoluted expansion joints where specific shapes are required (galvanized steel, stainless steel, inconel Wire Mesh)

Insulating layer(s) : Provides a thermal barrier + reduce condensate problems
(Different types of Fiberglass and Silica cloth and blankets)

Gas seal layer(s) : Provides a chemical barrier (PTFE, Viton®, EPDM, Silicone, Hypalon and Metal foils…)

Cover layer : Provides protection from the external environment, acts also as a complementary gas seal layer.
(Fiberglass cloth coated with PTFE, Viton®, EPDM, Silicone, Hypalon …)

Flange Reinforcements : Provides thermal and mechanical protection. (Fiberglass cloth)

STANDARDS

Fabric Expansion Joints are designed, manufactured and tested according to Internationally Recognized Codes and Standards :
E.S.A (European Sealing Association),
F.S.A (Fluid Sealing Association)
RAL…

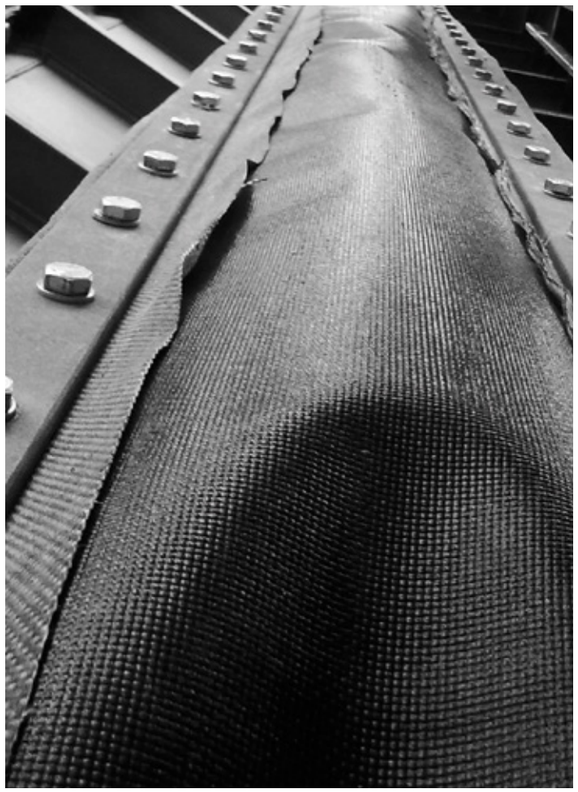
QUALITY CONTROL

Always carried out according to our clients particular requests

- Identification and Control of Materials
- Drawings and Documents control
- Manufacturing Process control
- Testing, Inspection and Documentation
- Final Inspection and preparation for Delivery

SERVICES

- Design Assistance
- Inspection
- Dimensional measurements
- Installation
- Supervision
- Training



Chemin de la julienne - 91830 LE COUDRAY-MONTCEAUX - FRANCE
Tél. : +33 (0) 1 69 01 20 39 - Fax : +33 (0) 1 69 01 33 33
www.seiris-sa.com - info@seiris-sa.com