

COMPANY PROFILE

Headquarters in Paris:

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• Creation in 1978, almost 35 years developing, manufacturing, selling and installing expansion joints, flexible connections for piping and ducting systems.

• Serving any type of heavy industry with our wide range of FABRIC, METAL and RUBBER EXPANSION JOINTS (coal, gas, biomass fired power plants, hydro power plants, water desalination plants, cement plants, chemical plants, steel plants, chemical and petrochemical plants) ...

• Operating internationally, we are present in Europe, Middle East North Africa (MENA), India and South East Asia. Our expansion joints are installed worldwide !

• Production facilities in Paris (France), Sousse (Tunisia), Hyderabad (India), Izmir (Turkey)

• Tailor Made fabrications according to Dimensions, Shapes and Operating Conditions of our client's most critical applications.

• Manufacturing and testing our products according to internationally recognized standards (E.S.A, F.S.A, E.J.M.A, ASME, AD MERKBLATTER, ASTM, ABS...)

• More than simple products, SEIRIS is offering complete solutions from the design to the installation of these expansion joints.

• Our Clients from these very different industries are our R&D experts.

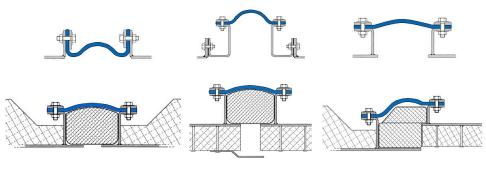




PRODUCTS

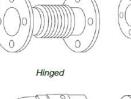
FABRIC EXPANSION JOINTS

Single Layer or Multiple Layers U-Type or Belt Type configuration With or without Bolster (insulation) With or without steel frame Materials : Technical textiles Temperature : up to 1 200 °C Pressure : up to 0,25 bar



METAL EXPANSION JOINTS

Single ply or Multiple plies Single convolution or Multiple convolutions To be welded or flanged Type configuration Materials : Carbon steels, Austenitic stainless steels, Nickel Alloys Temperature : up to 1 200 °C Pressure : up to 120 bars



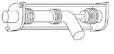
Axial

Jacketed

JUUUUUU

I ateral

Pressure Balanced



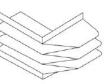
Gimbal

Rounded Corners

Miter Corner

camera corners





RUBBER EXPANSION JOINTS

Single ply or Multiple plies Single convolution or Multiple convolutions Swivel or Full Face flanges Type configuration Materials : Wide range of rubber Temperature : up to 200 °C Pressure : up to 25 bars





REFERENCES IN POWER PLANTS

(FLUE GAS DUCTS/FANS/ E.S.P/ G.T EXHAUST/BYPASS SYSTEMS/HRSG/FGD/STACKS ...)

• CONVENTIONAL THERMAL POWER PLANTS :

EDF Le Havre (France) EDF Cordemais (France) EDF Vitry sur Seine (France) EDF Martigues (France) SNET/EON Emile Huchet (France) SNET/EON Lucy (France) E-ON Sercs (Spain) E-ON Los Barrios (Spain) TANJUNG BIN ENERGY Tanjung Bin (Malaysia)

• SMALL AND MEDIUM C.H.P / COMBINED HEAT AND POWER PLANTS :

DALKIA, ELYO, COFATECH (COFELY), AXIMA, SNECMA, AIRBUS, RHODIA, MICHELIN, BRIDGESTONE, ARJOWIGGINS, EUROPAC, AIR LIQUIDE, FMC, COLORTEX, ARALAR, FUJI...

• LARGE SIMPLE AND C.C.P.P /COMBINED CYCLE POWER PLANTS :

TOTAL Dunkergue (France) GAS DE FRANCE Fos sur Mer (France) GAS NATURAL Sant Adria del Besos (Spain) GAS NATURAL San Roque (Spain) ENDESA Palma de Mallorca (Spain) SONELGAZ Hassi Messaoud (Algeria) S.E.C PP7, PP9, TAIF, QASSIM, JUBA, RABIGH (Kingdom of Saudi Arabia) P.P.C Lavrio (Greece) P.P.C Aliveri (Greece) OMV Brazi (Romania) EDF Brenilis (France) EDF Dirinon (France) EDF Arrighi (France) CPCU Saint Ouen (France) NDPHC Alaoji (Nigeria) PEEGT Deir Ali II (Syria) STEG Sousse (Tunisia)

• ORIGINAL EQUIPMENTS MANUFACTURERS :

GENERAL ELECTRIC, ALSTOM, SIEMENS, CENTRAX, TURBOMACH, CMI, BABCOCK, ELEX, STEJASA ...



PICTURES

FABRIC EXPANSION JOINTS



METAL EXPANSION JOINTS



RUBBER EXPANSION JOINTS

