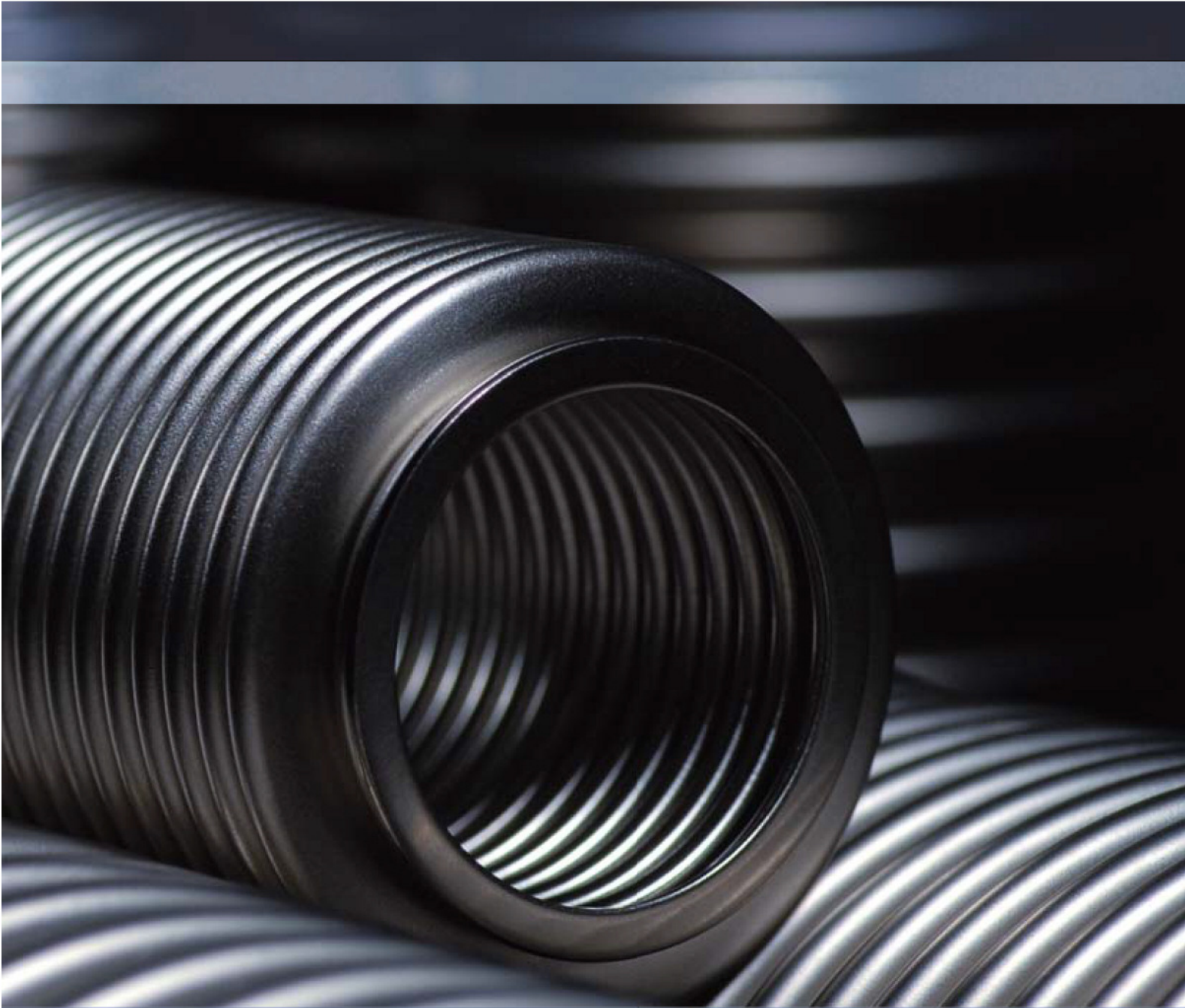




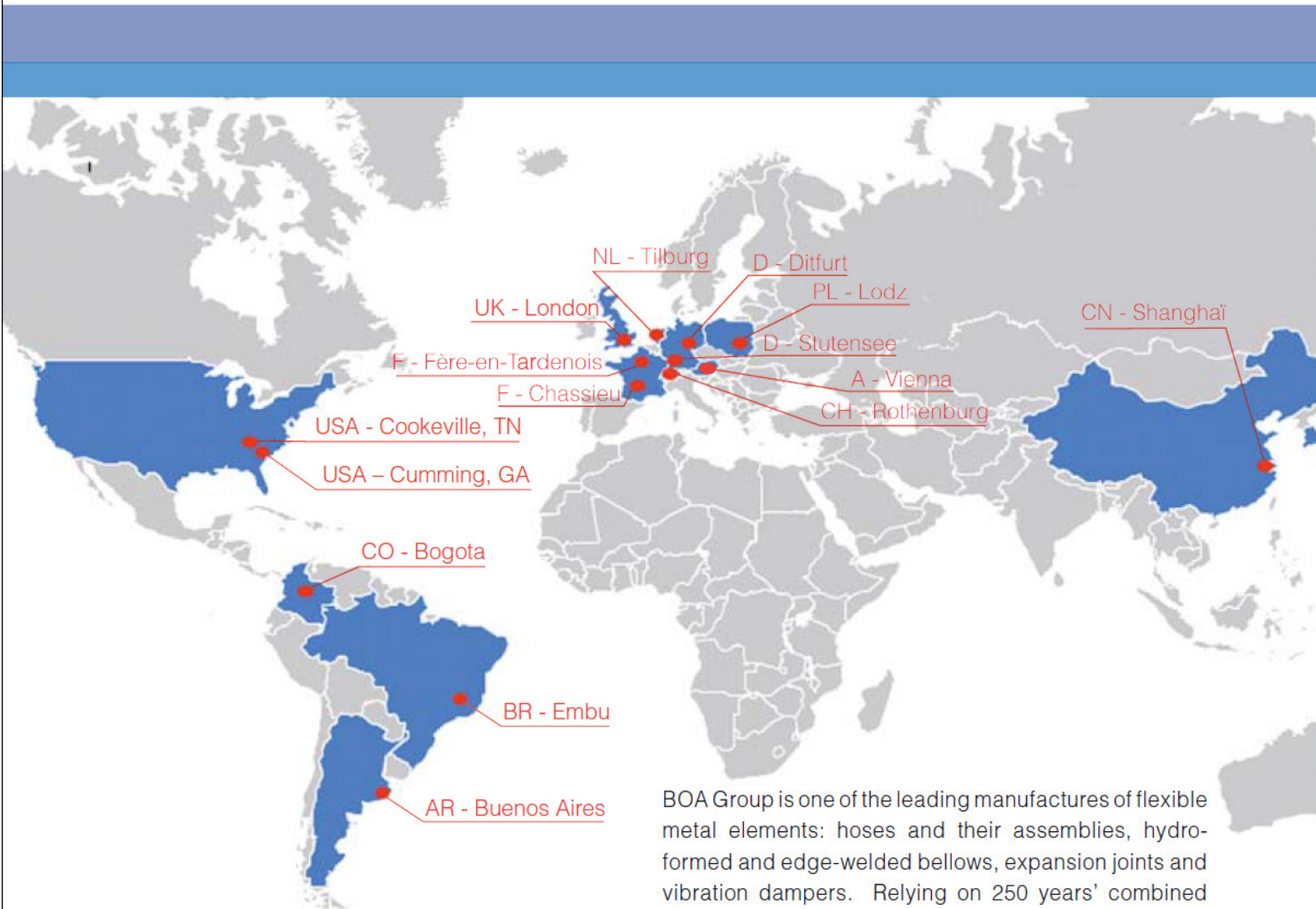
BOA Group

Your Flexible Solutions Partner



Designer of flexible solutions for the industry

BOA Group, Global Business, Your local partner



BOA Group is one of the leading manufacturers of flexible metal elements: hoses and their assemblies, hydroformed and edge-welded bellows, expansion joints and vibration dampers. Relying on 250 years' combined experience from its different production plants – be it in Germany, Switzerland, France, the Netherlands, China or the USA – BOA Group designs, manufactures and sells throughout the world its products and complete solutions for the automotive, aeronautical and industrial sectors which includes the three branches **Energy, Sea, Rail & Heavy Engines, Industrial Processes & Equipment**. With over 20 subsidiaries worldwide, BOA Group is a global leader, which nonetheless, strives to be as close to its customers as possible.

Three product ranges for a global response to your requirements

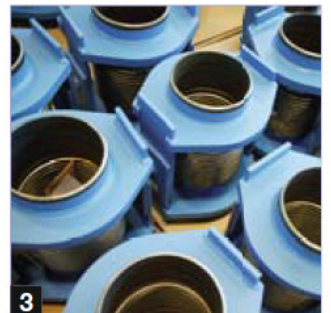
- 1/ Flexible metal hoses and assemblies
- 2/ Metal hydroformed and edge-welded bellows
- 3/ Metal and rubber expansion joints

Your requirements

- Working pressures from absolute vacuum to 300 bar
- Temperature resistance ranging from -273°C to +950°C
- Vibration resistance
- Lifetime in excess of 10^9 cycles
- Cleanliness (clean rooms classed ISO 5, 6 and 7)
- Corrosion resistance, whatever the fluid or environmental conditions

Our answers

- Compensation of stresses
- Compensation of expansion
- Compensation of movements
- Vibration and noise isolation
- Fluid flow optimisation
- Optimum flexibility while leakage-free
- Compensation of assembly misalignments



Our products

EXPANSION JOINTS from ND 25 to ND 7000

Hinged with reinforced corrugations



Pressure-balanced



Petrochemical FCCs



Expansion joints for pipelines



BELLOWS from ND 3 to ND 125

Nuclear application "system"



Standard series for vacuum applications



Bellows for solar applications



HOSES AND HOSE ASSEMBLIES from ND 5 to ND 300

Hose assemblies for gas turbines



Hose assemblies with elbows



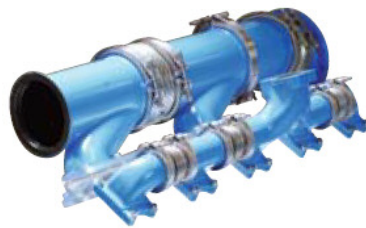
High pressure gas applications



Your solution



Standard series,
in metal or rubber



Exhaust expansion joints
for diesel engines



Expansion joints for
energy transmission and distribution



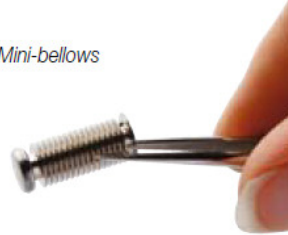
Edge-welded bellows for
hydro-pneumatic accumulator



Edge-welded bellows for
pressure or temperature sensing



Bellows for volume compensation



Mini-bellows

BOAGAZ high security
pliable tubing for
domestic gas installations



Climate Control Units



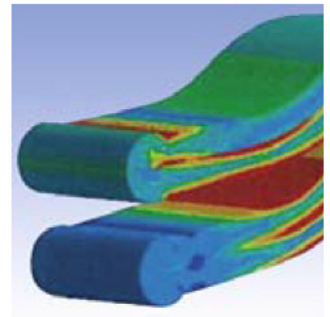
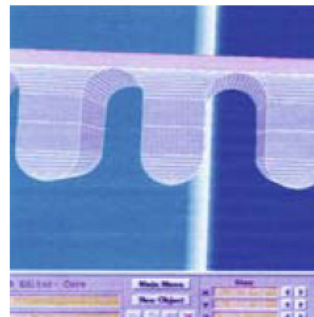
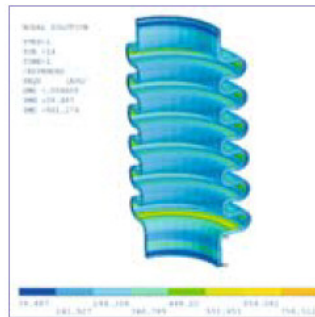
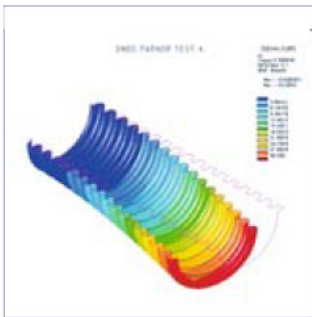
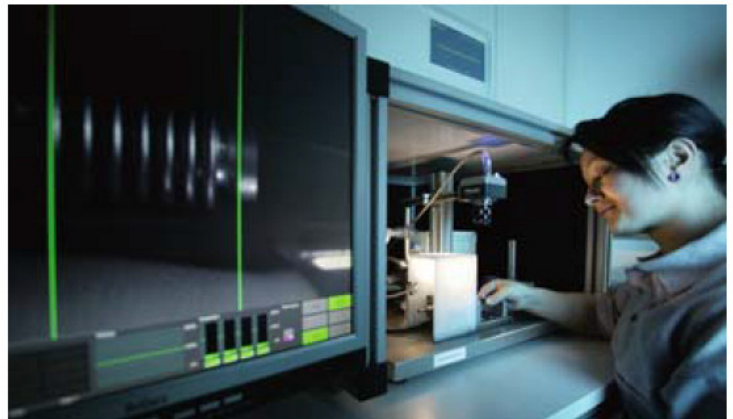
Integrated flexible solutions
for ultraclean applications



Heat
exchangers



Quality: from design to end inspection, the only area where we are inflexible



From early design stage, our teams of engineers and technicians design and build products according to your specifications, basing themselves on the necessary design codes (EJMA, CODAP, ASME, AD-B13...), on product or application standards (EN ISO 10380, EN 12434, EN 13445, EN 14800, EN 14585, EN 14917), medical equipment, transport of hazardous materials – ADR – and European Directives (GAD, PED, Rohs, ATEX).



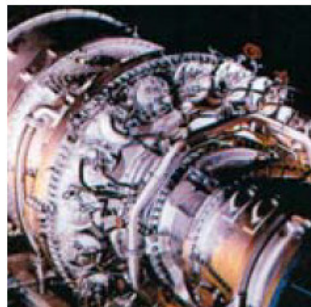
Flexible solutions for your application

Sea, Rail & Heavy Engines



LNG tankers

Energy



Gas turbines

Industrial Processes & Equipment



Petrochemistry



Diesel engines



Solar thermal



District heating



Expansion joints



Solar thermo-dynamic



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