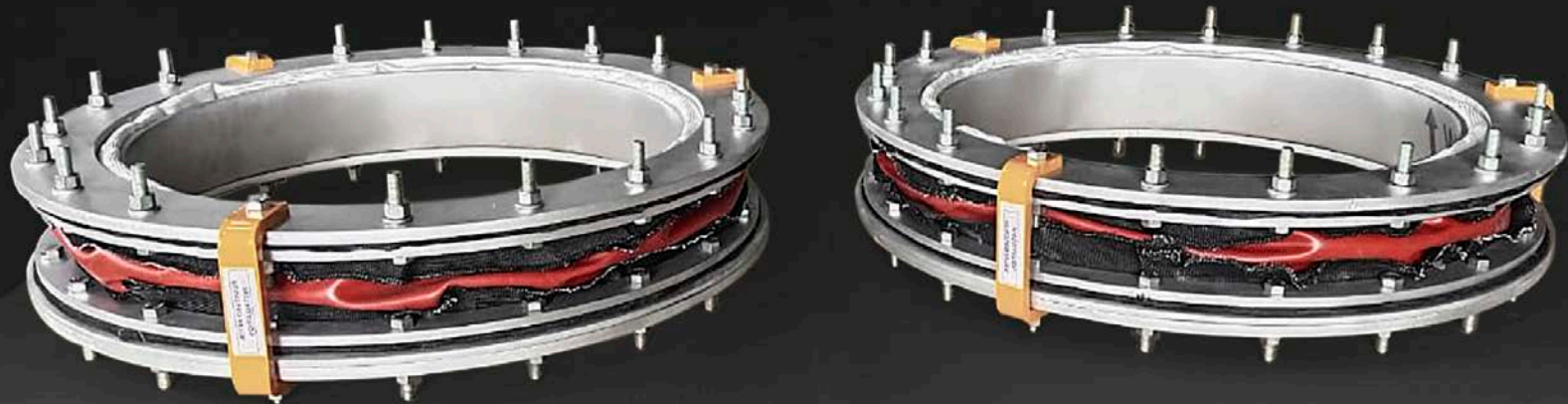


CASE STORY

FABRIC EXPANSION JOINTS FOR FLUE GAS

Client: Pulp & Paper Mill, Croatia



For the boiler heating system in a paper mill in Croatia we have designed and manufactured 2 pcs. Fabric Expansion Joints.

Client request

The engineering team of the client had made very good specifications and drawings for the project and were very specific in what Expansion Joints they needed. For them it was important that we could design and manufacture according to this as well as meeting their request for delivery time.

Belman solution

The fabric Expansion Joint supplied is a type Belman-FG with steel flanges for bolting into the piping system. As the medium is flue gas.

The Belman FG Expansion Joint is a multilayer fabric Expansion Joint ideally suited for accommodating the working conditions often found in flue gas systems. The sealing layer in the

Belman-FG Expansion Joint is made from PTFE, which has excellent resistance to the chemical harsh environment found in flue gas systems.

The fabric Expansion Joint is often used in flue gas systems, where the pressure is relatively low. In flue gas duct systems, it is often required that the Expansion Joint transfers as little reaction forces to the pipeline as possible and here the Fabric Expansion Joint is the preferred product as it in practically sense does not have any spring rate.

The Fabric Expansion Joints ability to take up large movements in multiple directions often makes it the preferred choice of Expansion Joint in flue gas systems.

DESIGN PARAMETERS

Quantity: **2 pcs.** • Dimension: **DN 600** • Medium: **Flue gas** • Design temperature: **350°C** • Design pressure: **+/- 80 mbar** • AX: **+/-15 mm** • LA: **+/-15 mm**



BENEFIT FOR THE CLIENT

- Guaranteed on-time delivery
- Cost savings due to a precise delivery
- Great cooperation
- The correct and best in class Fabric Expansion Joint solution
- Sound and cost-efficient Fabric Expansion Joint solution that ensures a smooth and safe operation