

KOREMA®
Kompensatorenwerk Rhein-Main
GERMANY

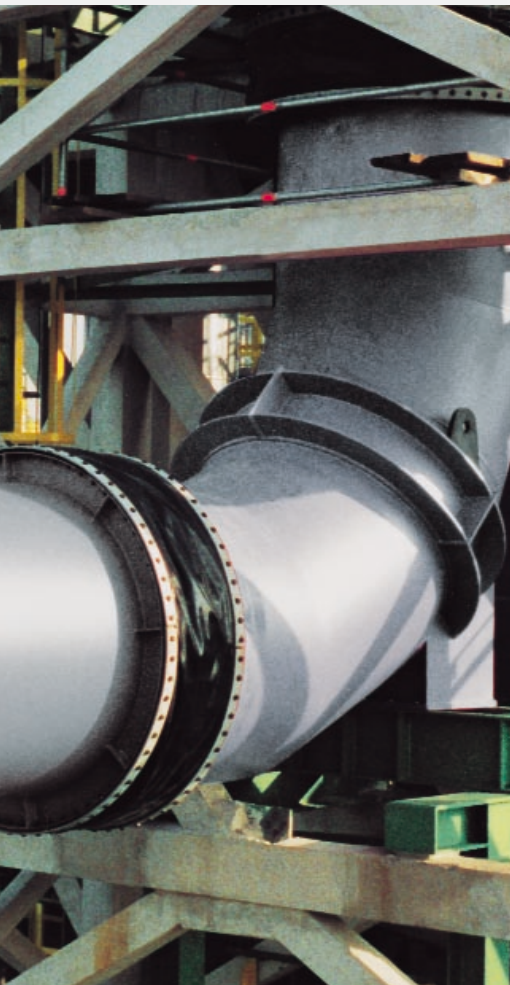


EXPANSION JOINTS

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KOREMA® EXPANSION JOINTS IN ALL DIMENSIONS



KOREMA® standard belt type

The **KOREMA®** belt type is the preferred choice for large diameter ducts and corresponding steel constructions.

(**KOREMA®** suffix A1 or AC1 as well as B1 and BC1).

To increase thermal and acoustic value it is possible to manufacture all expansion joint types with additional loose or ready-made insulation, either mineral-wool and/or ceramic-felt.

KOREMA® U type

This is the most installed version of the fabric expansion joints (**KOREMA®** type A3 or AC3 as well as B3 or BC3).

The name is used due to the reason that the expansion joints will be flanged between pipe-lines and ductends.



Pre-formed corner with backing flanges

KOREMA® quality and durability

The **KOREMA®** fabric expansion joint is an essential part of any modern production facility.

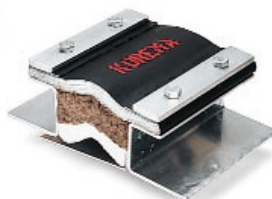
For 40 years **KOREMA®** know how has contributed high quality expansion joints for a wide range of applications world wide.

Originally, steel expansion joints were used to absorb movement. With development of synthetic fibres, it was possible to make a flexible connector which permitted movement in all directions.

KOREMA®'s expertise for 40 years of manufacturing experience are your guarantee of the best solution.



A1 endless, fastening by hose clamp



AC1 cross section/insulation unit





KOREMA® special designs

Each joint is tailor made. Layers of material are assembled on a frame which conforms exactly to the required profile.
Movement capability: According to data and specifications of customer or as per design.



E3-FDA
for food application

KOREMA® steel components and accessories

KOREMA® will supply both the flexible element and the complete expansion joint assembly. Because KOREMA® offers 100% in house production of all necessary components, we can provide a complete design and production package quickly and efficiently.



ATEX RL 94/9 EG

Worldwide Patented materials

The contributions KOREMA® has made to the non-metallic expansion joint market since more than 40 years have continuously set new standards in material development, product design improvement and manufacturing techniques. The newest of these are SIMIFLON® and ELTROFLON®.

These products represent a remarkable achievement that combines fabric materials, rubber and PTFE to give a compound that is very flexible, provides excellent sealing and is also resistant to temperature.

SIMIFLON®, (light coloured material) and ELTROFLON® (black) are designated foodstuff quality and certified according to § 177.2600/177.1550 CFR of US Food and Drug Administration (FDA) as well as for the EU Regulations EU 2002/72/EG.

ELTROFLON® provides in addition extremely good electrical conductivity. Further applications: Pharmaceutical industry, Flue gas systems, a. s. o.

The electrical conductivity characteristics provide the necessary protection for equipment with explosive media — see ATEX guidelines 94/9/EG. This materials perform the rules for pressurized devices as described in 97/23 EG and burst pressure PAS 1010/6.



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