



# SealingProjex

SPECIALIST SEALING SOLUTIONS



H I G H   Q U A L I T Y   E N G I N E E R E D   S E A L I N G   S O L U T I O N S



# Sealing Projex

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Sealing Projex design and manufacture expansion joints to the entire energy sector, comprising e.g. a broad variety of power plants, cement plants, chemical plants, steel plants, oil refineries, and especially for off shore and gas turbine applications, where the demand for a superior design and material is high. Sealing Projex is a well-recognized partner and supplier that can offer a complete range of products and as a consultant, provide the most advantageous solutions.

## Fabric Expansion Joints

Selecting the right type of expansion joint is essential when constructing e.g. a piping or ducting system in a power plant. All relevant parameters have to be taken into account before deciding. The Sealing Projex range of Fabric Expansion Joints consists of 26 standard types divided into five categories. Along with the standard types come the numerous special designs and custom-made Fabric Expansion Joints.

The combined operating conditions decide why choosing one kind of expansion joint is better than another. The temperature capability ranges from -50°C to 1000°C and the pressure ranges from -50 kPa to 50 kPa.

|                 |  |
|-----------------|--|
| <b>Type LN</b>  | For clean air systems  |
| <b>Type MN</b>  | For flue gas with a low acid content   |
| <b>Type RN</b>  | For flue gas with a high acid content  |
| <b>Type HD</b>  | For applications requiring optimal resistance against chemical attacks or high pressure. |
| <b>Type GTX</b> | For gas turbine applications   |

## Metal Expansion Joints

Sealing Projex Metal Expansion Joints cover any application where Fabric Expansion Joints are not suitable, mainly due to pressure conditions. As for all Sealing Projex products the focus is on superior quality and special design solutions. The Metal Expansion Joints are designed according to EN14917, 13445-3 and EJMA.

Standard Designs are Axial-, Lateral-, Angular- and Universal Expansion Joints. The circular designs come in standard sizes from a 50 mm diameter up to 5000 mm diameter. The rectangular designs are manufactured with rounded, sharp or camera corners. The expansion joints are manufactured as multi-ply bellows and can be combined into double expansion joints and fitted with tie rods, inner sleeves and other accessories if required.

Design calculations are carried out according to counting standards and can be documented by optional testing procedures.



Numerous special designs and custom-made Fabric Expansion Joints



Expansion joint units are delivered ready for installation in the ductwork

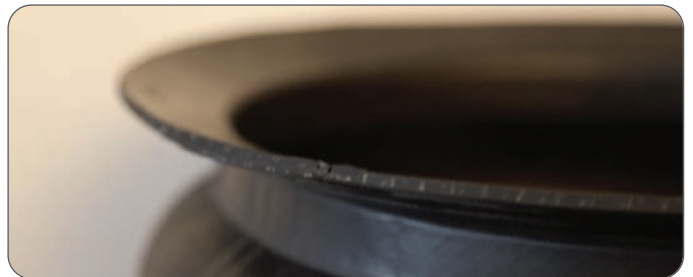


All Sealing Projex products focus on superior quality and special design solutions



Sealing Projex offers a full service package when installing and supervising on site. The installation comes with a firm knowledge of how to achieve the best results with Sealing Projex products. Qualified and trained Sealing Projex engineers are always available during:

- Assembly and/or erection of Expansion Joints
- Pre-instructions
- Training and supervision of Site Personnel



For more information call our sales team on: ☎ **01942 874547**



**Superior Materials**

The common factor is always the craftsmanship and the use of superior materials



**Gas Turbine Metallic**

Designed to properly compensate for the thermal growth due to the severe and rapid temperature rise of gas turbines



**High Pressure Rubber Expansion Joints**

The rubber compensators come in various qualities and reinforcement layers



**Quality Control**

World's first manufacturer of Fabric Expansion Joints to be ISO 9001 certified.



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