

isoTHERM® AL-FLEX - flexible laundry joint



Material profile

The casting process in the aluminium industry has been optimised to a large extent in the meantime. Our product **isoTHERM® AL-FLEX**, the flexible laundry joint, is a contribution we have made in this context. Time-consuming and expensive maintenance and service inspections at the connection point between the tilting furnace and the launder system can be eliminated with **isoTHERM® AL-FLEX**. Process reliability is increased as well.

Thanks to the flexible, multilayer textile structure of the **isoTHERM® AL-FLEX** material, the tilting movements of the furnace with respect to the launder system are compensated for effectively. The material blend is designed to satisfy the customer's individual requirements. This means that we can respond to chemical and mechanical demands and adapt **isoTHERM® AL-FLEX** to the specific situation wherever it is being installed.

The outstanding features of **isoTHERM® AL-FLEX** are:

- Prozess reliability
- Multiple use
- Individual customisation
- Low weight
- Simple installation and removal
- Lower maintenance and service costs

Product properties

- Application temperature (briefly) 900 °C
- Type of fibre Finished e-glass
- Colour White
- Surface Finished

In view of the variety of different installation and operation conditions and application and process engineering options, the information given in this prospectus can only provide approximate guidance.

Typical application areas

- Casting processes in the aluminium industry

Standard characteristics

- Individual production based on drawings
- Multilayer material structure
- Finished surface
- Ready-to-install solution
- Customised to suit the installation location
- Adapted to meet the customer's requirements

Quality management

ISO 9001

ISO/TS 16949

Environmental management

ISO 14001

Do you have any questions about your application?

The technical textiles information service will

help you: textile@frenzelit.de

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