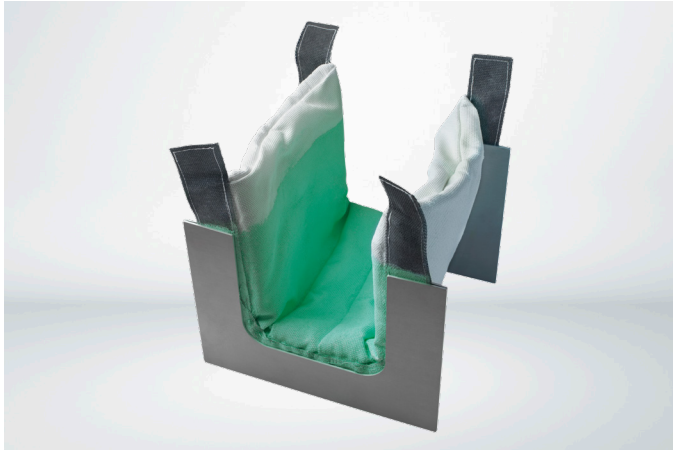


## isoTHERM® AL-FLEX - flexible launder joint



### Material profile

The casting process in the aluminum industry has been optimized to a large extent in the meantime. Our product **isoTHERM® AL-FLEX**, the flexible launder 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:

- Process reliability
- Multiple use
- Individual customization
- Low weight
- Simple installation and removal
- Lower maintenance and service costs

### Application engineering questions?

We're here to help you at [insulation@frenzelit.com](mailto:insulation@frenzelit.com)

### Product properties

- Application temperature (briefly) 850 °C
- Type of fiber finished e-glass
- Color white / green
- 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 aluminum industry

### Standard characteristics

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

### Certifications



 **Quality management**  
IATF 16949; ISO 9001

 **Environment management**  
ISO 14001

 **Energy management**  
ISO 50001

