

Technical Data Sheet

07/16
replaces edition 03/10

ISOFLEX AFV

... Hightech – Insulation Material

Product Specification

ISOFLEX AFV is a non-flammable mineral foam. To receive a better insulation effect ISOFLEX AFV is equipped with a aluminium reflective layer on one side.

Special Material Characteristics

- **High temperature resistance**
- **Excellent insulation effect**
- **Non-flammable**
- **No formation of toxic gases**
- **Easy assembly and adhesive mounting**

Range of application

ISOFLEX AFV is especially suitable as exterior insulation of hot external surfaces of machines and tools. In combination with a protective sheet covering also complex surfaces can easily be insulated.

For the adhesive mounting we recommend ISOFLEX glue 600 and ISOFLEX glue 800.

Technical data*:

Max. service temperature		
• long-term	800	°C
• short-term	825	°C
Coefficient of thermal conductivity λ		
• at ambient temperature	0,05	W/mK
• at 200 °C	0,07	W/mK
• at 400 °C	0,15	W/mK
DIN 52 612		
Density	0,035	g/cm ³

*) Further technical details and machining recommendations upon request.



Delivery Information:

Standard thicknesses: 10/15/20/30 mm

Specifications are subject to alteration due to technical development. The standard values given in this data sheet are not part of any contract.