

## Technical Data Sheet

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# BRA-FLEX®

...Hightech – insulation jacket

### Product Specification

The grade BRA-FLEX® is a tailor-made high temperature resistant textile insulation jacket. It is always produced as formed component according to the customers requirements.

### Special Material Characteristics

- **High temperature resistance**
- **Very good insulation effect**
- **Flexible application**
- **Individual mounting options**
- **Good chemical resistance due to special coating**

### Range of application

BRA-FLEX® is suitable as exterior insulation for hot machine structures and in particular as exterior insulation for heated moulds with complicated outer surface design.

Due to its very good insulation effect BRA-FLEX® offers reduction of energy costs as well as the protection against skin burns.

### Technical Data\*:

Max. service temperature		
• long-term	280	°C
• short-term	300	°C
Coefficient of thermal conductivity (DIN 52 612)		
• at ambient temperature	0,06 - 0,08	W/mK
• at 200 °C	0,08 - 0,10	W/mK
Density	approx. 250	Kg/m <sup>3</sup>
Chemical resistance against	Oil, petrol, lubricants, liquid solutions, diluted acids and lyes	
Remarks:	Unsuitable for storage in liquids	

\*) Further technical details upon request



### Mounting

We recommend the mounting, especially on vertical surfaces, with a threaded bolt, cap nut and large diameter washer or an eyebolt. BRA-FLEX® Jackets can be equipped with a fastening system according to drawings. For a better handling of large parts we recommend high temperature magnets.

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

### Delivery Information:

Standard thickness: 25 mm