

Technical Data Sheet

09/2020
replaces edition 02/2020

BRA-FLEX®

...Hightech – insulation jacket

Product Specification

BRA-FLEX® is a high temperature resistant, textile insulation cushion. It is manufactured as an individual designed part according to customer specifications. The outer and inner fabric can optionally be supplied as an antistatic version.

Special Material Characteristics

- **High temperature resistance**
- **Excellent insulation effect**
- **Flexible application**
- **Individual mounting options**
- **Good chemical resistance thanks to a special coating**
- **Easy to clean**

Range of application

BRA-FLEX® is suitable as external insulation for simple and complex hot component parts.

BRA-FLEX® considerably reduces heat losses from exposed hot heating plates, pipes and machine components and provides optimum protection against contact and accidents.

Technical Data*:

Max. service temperature		
• long-term	280	°C
• short-term	300	°C
Coefficient of thermal conductivity		
• at ambient temperature	0,06 - 0,08	W/mK
• at 200 °C	0,08 - 0,10	W/mK
Density	approx. 0,25	g/cm ³
Chemical resistance against	Oil, petrol, lubricants, liquid solutions, diluted acids and lye	
Remarks:	Unsuitable for storage in liquids	

*) The technical data determined were tested on representative units, based on the respective specific test standard. Further technical data and test standard on request.



Mounting

For fastening, especially on vertical surfaces, we recommend threaded bolts with large diameter washers and cap nuts or eye bolts. For better handling of large parts, we recommend using 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