

## Technical Data Sheet

07/16  
replaces edition 03/10

# ISO-Mat G 3300

... High-tech – insulation material

### Material Composition

The material ISO-Mat G 3300 belongs to the non-combustible, highly insulating and flexible insulating grades. This grade is formed without organic binders.

### Special Material Characteristics

ISO-Mat G 3300 is characterised by

- **very high usage temperature**
- **high insulation effect**
- **widely stable against chemicals**
- **no outgassing of volatile components**

### Range of Applications

ISO-Mat G 3300 is used in all areas of heat insulating free of mechanical load. ISO-Mat G 3300 can be applied in industrial plants, for temperature conditioning chambers, hot pipe liner and laboratory equipment.

### Assembling Instructions

Using ISO-Mat G 3300, higher impact loads or introduction to liquid media is to be avoided. If necessary, use a protection sheet.

Use wear-resistant shears. In order to avoid irritations of nasal mucosa and skin irritation, face masks and gloves are strongly recommended.

### Technical data\*:

Max. service temperature		
• long-term	500	°C
• short-term	550	°C
Coefficient of thermal conductivity $\lambda$		
• at 50 °C	0.036	W/mK
• at 100 °C	0.041	W/mK
• at 200 °C	0.054	W/mK
• at 300 °C	0.072	W/mK
• at 500 °C	0.120	W/mK
DIN 52 612		
Nominal Area Weight 25 mm	3300	g/m <sup>2</sup>
Nominal Area Weight 15 mm	2000	
Nominal Area Weight 10 mm	1300	
Behaviour in fire DIN 4102- A <sub>1</sub>	non com- bustible	—
Density	0.13	g/cm <sup>3</sup>

\*) Further technical details upon request



### Delivery Information:

Standard thickness: 10, 15, 25 mm  
Special dimensions upon request

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