

## TECHNICAL DATA SHEET

### Aerogel blanket R800-AG

#### Properties and advantages

- modern insulation depositing silica aerogel on mineral fibers
- very good insulation properties in high and low temperatures
- material is flexible, functional and hydrophobic
- can be installed in the presence of moisture, provides protection against corrosion under insulation (CUI) and is also suitable in cryogenic applications
- material does not pose a threat to health and the environment
- non-flammable and meets requirements under DIN 4102 in class A1

#### Technical parameters

Description of the parameters	Values
Operating temperature	from -200 to 800°C
Volume density	160 - 180 kg/m <sup>3</sup>
Colour	white
Tensile strength	60 kPa
Linear shrinkage after 24h @ 600°C	max 2%
Loss on ignition LOI for 600C / 2h	max 1%
Thermal conductivity $\lambda$ at:	
200°C	17 mW/m·K
400°C	28 mW/m·K
500°C	35 mW/m·K
600°C	43 mW/m·K
Available thickness	3 / 4 / 6 / 10 mm

All information on the technical parameters and attributes of the product hereby provided are only comprehensive and do not constitute any legal obligation or are binding in any way!