



# Siltherm AeroFlex

## Flexible Microporous Insulation Blanket

Siltherm AeroFlex is a high temperature microporous insulation product designed to provide *long-term thermal insulation performance* in the form of a flexible, durable, environmentally safe and easy to use blanket.

AeroFlex is made using a form of microporous gel, reinforced with a non-woven, glass fibre batting.

### Features and Benefits

- Extremely low thermal conductivity over a wide temperature range
- High thermal stability
- Low in weight
- Inorganic and non-combustible
- Shock and vibration resistant
- Quick and easy to install
- Space saving in and around congested areas or closely spaced pipe clusters
- Breathable hydrophobic flexible blanket that will not crack and will retain its integrity throughout high temperature service
- Can be re fitted after removal and inspection
- No harmful respirable fibres
- Environmentally friendly

### Typical Applications

- **Power Generation, Refining and Chemical Processing Industries**

- Process piping
- Vessels
- Storage tanks and equipment

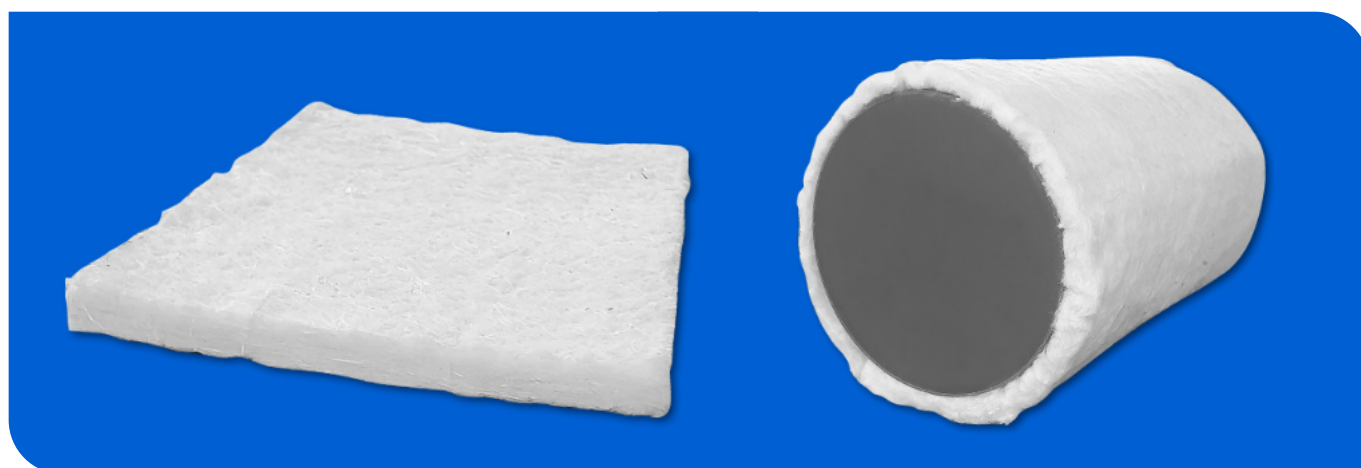


## Technical Specification

Product <b>AeroFlex</b>			
Classification Temperature		°C	650
Nominal Density		kg/m <sup>3</sup>	180
Thermal Conductivity	0 °C	W/m.K	0.020
	100 °C	W/m.K	0.023
	300 °C	W/m.K	0.027
	400 °C	W/m.K	0.035
	500 °C	W/m.K	0.045
	600 °C	W/m.K	0.065

## Standard Dimension and Format Availability\*

Product <b>AeroFlex</b>	Length (m)	Width (mm)	Thickness (mm)
	50	1500	3
	44	1500	6
	28	1500	10
Colour	White		



## SILTHERM

### Siltherm Group Holdings Ltd

B-10 Huangpu Science Park  
2842 Xingangdong Road  
Haizhu District  
510000 Guangzhou  
People's Republic of China

Tel: +86 (20) 3888 9182  
Email: [info@siltherm.com](mailto:info@siltherm.com)  
Web: [siltherm.com](http://siltherm.com)

### Siltherm Europe Ltd

Paramount Court  
Corrig Road  
Sandyford Business Park  
Dublin 18, D18 R9C7  
Republic of Ireland

Tel: +353 (0) 1 255 1800  
Email: [info@siltherm.eu](mailto:info@siltherm.eu)  
Web: [siltherm.eu](http://siltherm.eu)

Siltherm Group Holdings Ltd maintains a Quality Management System to:  
**ISO 9001: 2015 Certificate Registration Number CN-00219Q20582R1S**  
IQNet Certificate Issued by CQM for scope 'Research and development, production and after-sales service of nano thermal insulation materials'

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