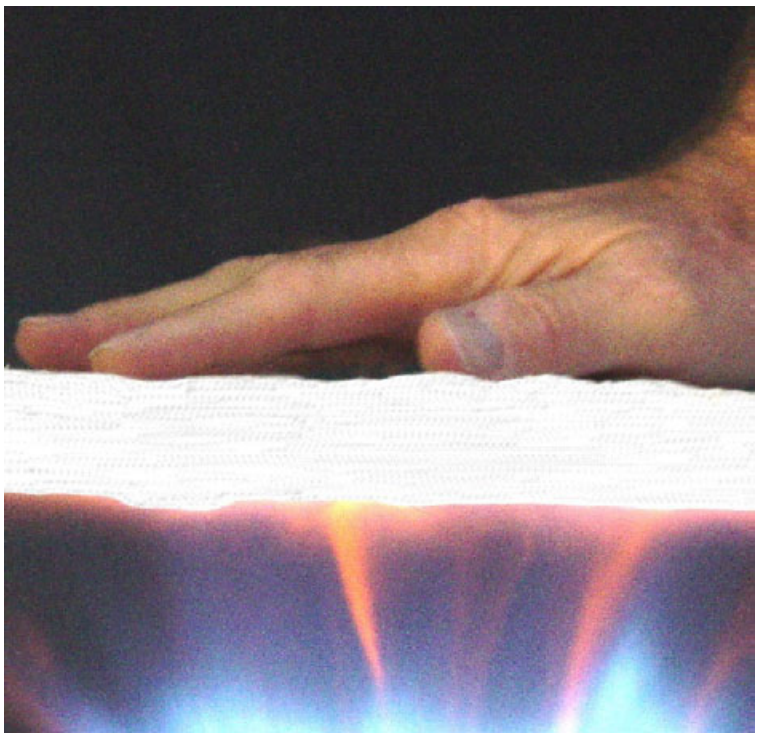
Superwool



Needlemat up to 1200 °C

- Free of binder or lubricant
- Thermal stability
- Excellent thermal insulating properties
- Good sound absorption
- Free from carcinogenic contents

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Superwool

Superwool is needled at both sides and possesses high strength, before and after heating. Superwool 607 (MAX) Blanket contains neither binder nor lubricant, and does not emit any fume or smell during the first firing. It is flexible, easy to cut and shape and easy to install.
Superwool 607 (MAX) is ideally suited to industrial applications at temperatures up to 1200°C. The maximum continuous use temperature depends on the application.

Specifications

High temperature performance:

Maximum continuous use temperature 607	1000 °C
Maximum continuous use temperature 607 MAX	1200 °C

Properties measured at ambient conditions (23 °C and 50% RH):

Colour	White
Density	64 up to 160 Kg/m3

Tensile strength (ENV 1094-7):

Density	**Tensile strength**
64 kg/ m³	35 kPa
96 kg/ m³	70 kPa
128 kg/ m³	95 kPa
160 kg/ m³	110 kPa

Thermal conductivity (ASTM 201):

	Blanket 607 MAX	**Blanket 607 MAX**
Mean temperature	**(8 pcf)**	**(6pcf)**
500°F (260°C)	0.42 (0.06)	0.46 (0.07)
1000°F (538°C)	0.88 (0.13)	1.02 (0.15)
1500°F (816°C)	1.53 (0.22)	1.78 (0.26)
1800°F (982°C)	1.95 (0.28)	2.28 (0.33)

Chemical composition:

SiO2	60-70%
AL203	< 0,3%
CaO + MgO	25-40%

Superwool is exonerated from any carcinogenic classification under note q of directive 97/69 EC.

Availability and packaging:
Superwool 607 (MAX) Blankets are packed in cartons, and dispatched on a 1260 x 940mm pallet sealed with stretchable film.

Thickness mm	**Density Kg/ m³**	**Roll length mm**	**Roll width mm**	**Surface**
25	96	7320	610	4,46 m^2
25	128	7320	610	4,46 m^2

Thickness 6, 10, 13, 19, 38, 50 mm and Aluminium foil finish on request.