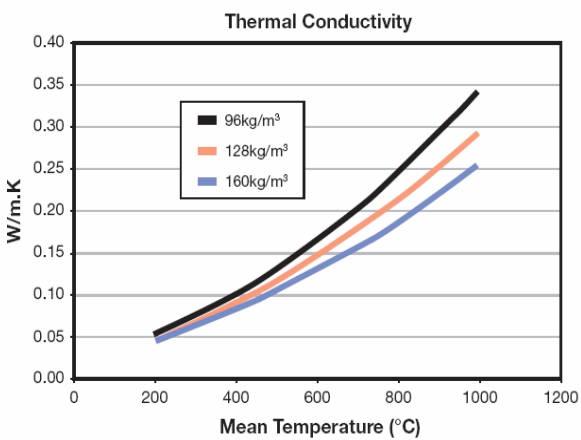




**Superwool 607 Blanket** is made from high temperature insulation glass fibres and has a classification temperature of 1100°C.

Superwool 607 Blanket is made from long Superwool Fibres. It is needled from both sides and does not contain any lubricant or binder. It has an excellent tensile strength prior to and after heating and does not emit any fume or smell. The thermal stability of Superwool fibres (Grade 607) the excellent strength and flexibility prior to and after heating make Superwool fibres (Grade 607) ideal for a wide variety of industrial and building applications.

PHYSICAL PROPERTIES		THERMAL PROPERTIES	
Maximum temperature rating (°C)	1100		
Colour	White		
Specific Heat @ 540°C (kcal/kg°C)	1.05		
Permanent Linear Shrinkage (%)			
Heating for 24 hrs @ 800°C	0.5		
Heating for 24 hrs @ 900°C	1.5		
Heating for 24 hrs @ 1100°C	2.5		
Tensile Strength (kPa)			
@ 64 kg/m <sup>3</sup> density	24		
@ 96 kg/m <sup>3</sup> density	44		
@ 128 kg/m <sup>3</sup> density	58		
@ 160 kg/m <sup>3</sup> density	73		
ACOUSTIC PROPERTIES		Chemical Properties	
	Sound Absorption Coefficient		CHEMICAL ANALYSIS %
Frequency	25mm / 96 kg/m <sup>3</sup>	25mm / 128 kg/m <sup>3</sup>	
125	0.07	0.09	SiO <sub>2</sub> 60 – 70
250	0.29	0.54	Al <sub>2</sub> O <sub>3</sub> < 0.8
500	0.73	0.86	CaO + MgO 25 – 40
1000	0.92	0.94	
2000	0.96	0.94	
4000	0.99	0.96	
Noise Reduction Coefficient	0.72	0.82	

# Product Information Sheet

## Superwool 607 Blanket

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### MATERIAL PACKAGING

Dimensions of Rolls: 7.3 x 0.61m (standard)  
7.3 x 1.22m (on request)

Other sizes available on special request.

Thick (mm)	Superwool Blanket			
	64 kg/m <sup>3</sup>	96 kg/m <sup>3</sup>	128 kg/m <sup>3</sup>	160 kg/m <sup>3</sup>
6			X	
10			X	
13		X	X	X
19	X	X	X	X
25	X	X	X	X
38	X	X	X	X
50	X	X	X	

### TYPICAL APPLICATIONS

- General use for Maintenance of Equipment in Fire Industry
- Re-useable Insulation Blankets for Field Stress relieving of Welds.
- Removable Insulating Blankets for Steam and Gas Turbines
- Insulation Wrap on Investment Casting Moulds
- Flexible High Temperature Pipe Insulation
- Fire Protection
- Insulation of Electrical Appliances, Boilers, Fireplaces etc.
- Furnace Linings