

Data Sheet

 English (EN)

Product: Superwool Roll 607 , 96kg Density, 7320m x 610mm x 25mm
Product Code: GHT 7000

TYPE

Blanket made from high temperature insulation wool.

Length: 7320mm
Width: 610mm
Thick: 25mm
M²/carton: 4.46



BENEFITS:

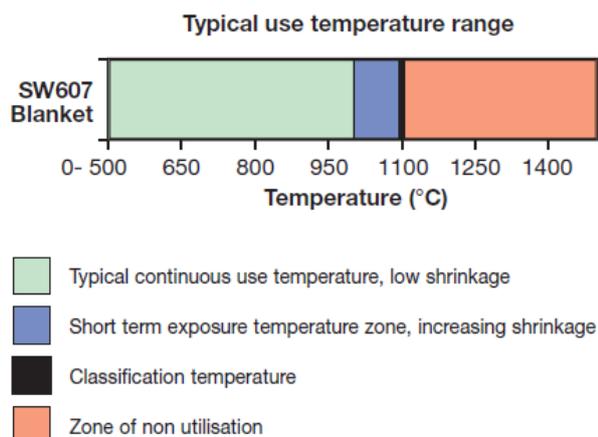
- Excellent thermal insulating properties
- Free of binder or lubricant
- Thermal stability
- Low heat storage
- Good resistance to tearing
- Flexible and resilient
- Immune to thermal stock
- Good sound absorption
- Exonerated from any carcinogenic classification
- Under nota Q of directive 97/69 EC

CLASSIFICATION TEMPERATURE

1100°C (EN 1094-3)

Maximum continuous use has been set at 1000°C in an oxidising atmosphere. Other manufacturers of bio-soluble fibres of the same chemistry claim short term use up to 1200°C. Thermal Ceramics has assessed the possible use above 1100°C and calculated there is a risk of failure. For continuous use above 1000°C, it is recommended to use Superwool 607 HT with a classification temperature of 1300°C. The recommendations on the table are based on over 10 year's field experience.

Unit of Sale: Per Roll



Data Sheet

MAIN PROPERTIES

Typical Properties

| | | |
|--|-------------------|----|
| Colour: | White | |
| Density: | kg/m ³ | 96 |
| Tensile Strength (ENV 1094-7) at 128kg/m ³ kPa: | kPa | 90 |

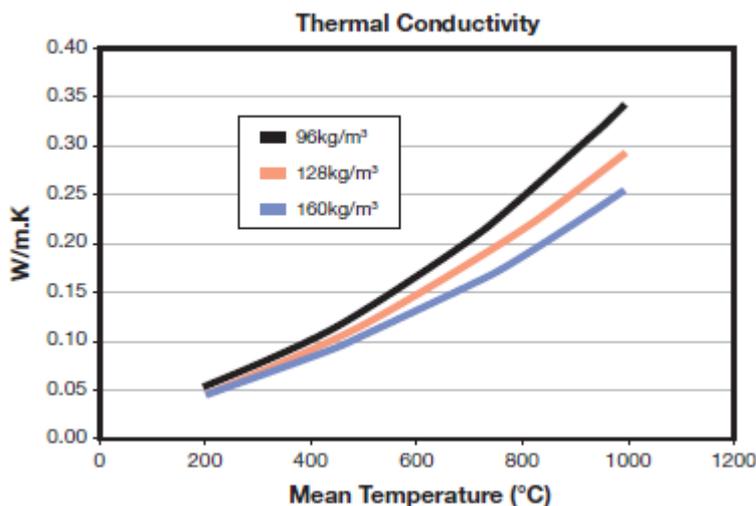
High Temperature Performance

Permanent linear shrinkage (ENV 1094-7) after 24 hours isothermal heating at 1100°C
% < 1

Thermal Conductivity has been measured using ASTM C201 test equipment.

Chemical Composition

| | | |
|------------------|---|-------|
| SiO ₂ | % | 62-68 |
| CaO | % | 26-32 |
| MgO | % | 3-7 |
| Other | % | <1 |



SAFETY INFORMATION

Hazards Identification

Irritant Effects:

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure. These effects are usually temporary. Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure.

First Aid Measures:

Skin: In case of skin irritation rinse affected areas with water and wash gently. Do not rub or scratch exposed skin.



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Eyes: In case of eye contact flush abundantly with water, have eye bath available. Do not rub eyes.

Nose and throat: If these become irritated move to a dust free area, drink water and blow nose.

If symptoms persist, seek medical advice.

Fire-fighting Measures

Once in use this product is not combustible. However virgin product binder may burn and produce gases and/or fumes.

Packaging and surrounding materials may be combustible. Use extinguishing agent suitable for surrounding combustible materials.

Accidental Release Measures

Where abnormally high dust concentrations occur, provide the workers with appropriate protective equipment.

Restore the situation to normal as quickly as possible.

Prevent further dust dispersion for example by damping the materials.

Pick up large pieces and use a vacuum, cleaner fitted with high efficiency filter (HEPA).

If brushing is used, ensure that the area is wetted down first.

Do not use compressed air for clean up.