



Technical Data Sheet

| Characteristics | SGI-300-2005 | | Test Method |
|--|----------------------------------|-------------------------------------|-----------------|
| Weight ¹⁾ Nominal Value Tolerance | 900 g/m ² +/- 10 % | 26.6 oz/yd ² +/- 10 % | ISO 3374 |
| Thickness ²⁾ Mean value Single values | 6 +/- 1 mm 4 - 8 mm | 0.24 +/- 0.04 in 0.16 – 0.32 in | DIN EN ISO 5084 |
| Density +/- 12% | 9.7 # / Cubic Foot | 150Kg/M3 | |
| Type of Glass | 100 % E-Glass according DIN 1259 | | |
| Binding | Non | | |
| Temperature Resistance | 600°C | 1112°F | |
| Combustibility | Non – Combustible | | DIN 4102 |
| Width nom ³⁾ Tolerance | 100 cm +/- 1 cm | 39.0 in +/- 0.4 in | DIN EN 1773 |
| Roll Length ³⁾ | 30 m | 30 yd | |

- 1) The tolerance is determined for the test samples 316 x 316 mm (12.4 x 12.4 in)
- 2) Measuring device with 25 cm² (3.8 sq.in) measuring area; pressure – 10g/cm² (2.3 oz/sq.in)
- 3) Width up to 200 cm (78 in) and other roll lengths are available upon request

Packing, Storage, Transporting

Packing:

- Felt wound on the core with inside diameter 76 mm (3in) or without core
- Each roll wrapped in the plastic

Transporting – Covered means of conveyance

Storage - Clean and dry storage, goods have to be stored in the producer' packing



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ISO 9001



Technical Data Sheet

| Characteristics | SGI-300-2010 | | Test Method |
|--|-----------------------------------|-------------------------------------|-----------------|
| Weight ¹⁾ Nominal Value Tolerance | 2000 g/m ² +/- 12 % | 59.0 oz/yd ² +/- 12 % | ISO 3374 |
| Thickness ²⁾ Mean value Single values | 12 +/- 2 mm 9 - 15 mm | 0.47 +/- 0.08 in 0.35 – 0.59 in | DIN EN ISO 5084 |
| Density +/- 12% | 9.7 # / Cubic Foot | 150Kg/M3 | |
| Type of Glass | 100 % E-Glass according DIN 1259 | | |
| Binding | Non | | |
| Temperature Resistance | 600°C | 1112°F | |
| Combustibility | Non – Combustible | | DIN 4102 |
| Width nom ³⁾ Tolerance | 100 cm +/- 1 cm | 39.0 in +/- 0.4 in | DIN EN 1773 |
| Roll Length ³⁾ | 20 m | 20 yd | |

- 1) The tolerance is determined for the test samples 316 x 316 mm (12.4 x 12.4 in)
- 2) Measuring device with 25 cm² (3.8 sq.in) measuring area; pressure – 10g/cm² (2.3 oz/sq.in)
- 3) Width up to 200 cm (78 in) and other roll lengths are available upon request

Packing, Storage, Transporting

Packing:

- Felt wound on the core with inside diameter 76 mm (3in) or without core
- Each roll wrapped in the plastic

Transporting – Covered means of conveyance

Storage - Clean and dry storage, goods have to be stored in the producer' packing



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ISO 9001



Technical Data Sheet

| Characteristics | SGI-300-2015 | | Test Method |
|--|-----------------------------------|--------------------------------------|-----------------|
| Weight ¹⁾ Nominal Value Tolerance | 4500 g/m ² +/- 12 % | 133.0 oz/yd ² +/- 12 % | ISO 3374 |
| Thickness ²⁾ Mean value Single values | 25 +/- 2 mm 21 - 29 mm | 1.00 +/- 0.08 in 0.83 – 1.14 in | DIN EN ISO 5084 |
| Density +/- 12% | 9.7 # / Cubic Foot | 150Kg/M3 | |
| Type of Glass | 100 % E-Glass according DIN 1259 | | |
| Binding | Non | | |
| Temperature Resistance | 600°C | 1112°F | |
| Combustibility | Non – Combustible | | DIN 4102 |
| Width nom ³⁾ Tolerance | 152.4 cm +/- 1 cm | 60.0 in +/- 0.4 in | DIN EN 1773 |
| Roll Length ³⁾ | 13.7 m | 15 yd | |

- 1) The tolerance is determined for the test samples 316 x 316 mm (12.4 x 12.4 in)
- 2) Measuring device with 25 cm² (3.8 sq.in) measuring area; pressure – 10g/cm² (2.3 oz/sq.in)
- 3) Width up to 200 cm (78 in) and other roll lengths are available upon request

Packing, Storage, Transporting

Packing:

- Felt wound on the core with inside diameter 76 mm (3in) or without core
- Each roll wrapped in the plastic

Transporting – Covered means of conveyance

Storage - Clean and dry storage, goods have to be stored in the producer' packing



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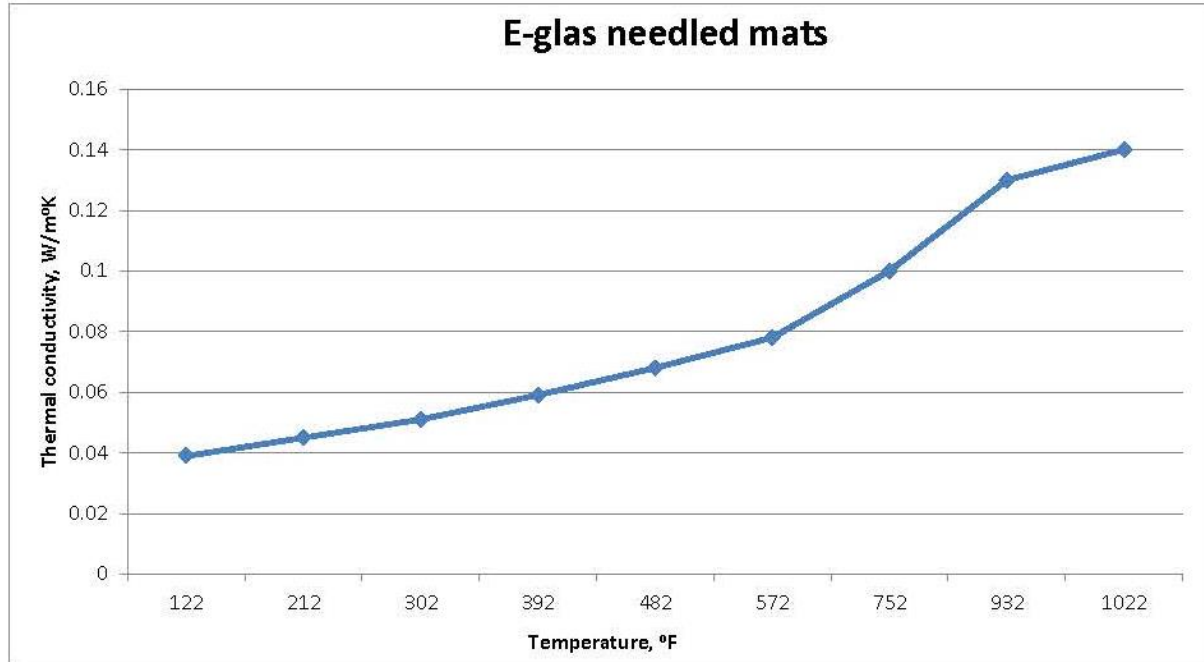
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ISO 9001



Apparent Thermal Conductivity



| Temperature, °F | 122 | 212 | 302 | 392 | 482 | 572 | 752 | 932 | 1022 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-----|------|------|
| Thermal Conductivity, W/m²K | 0.039 | 0.045 | 0.051 | 0.059 | 0.068 | 0.078 | 0.1 | 0.13 | 0.14 |

This information is an average result and individual results may be effected by outside variables.

This is a general guide for choosing a suitable Insulation material. For unusual conditions please consult your representative. This evaluation is based on laboratory, field tests or experience however no guarantee can be given as to the actual performance experienced by the end user. The end user is responsible for determining the suitability of this or any product for their particular application and are responsible for conducting proper testing to determine the suitability of a product for their specific application.



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