

Features

- Flame-retardant thermal insulation sheet
- Immune to Thermal Shock
- Low Thermal Conductivity
- Density of 160kg/m³
- Suitable for Use up to 1,200°C

Superwool® 607 Blanket, 160kg Density 1.6m x 610mm x 38mm

RS Stock No.: 652-799



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Superwool® Insulation

Product Description

Superwool Blanket features exceptional thermal and physical properties. Superwool Blanket is manufactured using patented low shot technology providing ultra-low shot fibres resulting in improved handleability and nuisance dust is effectively eliminated. The blankets are flexible, soft to the touch and less irritating during use.

Superwool Blanket exhibits outstanding insulating properties at elevated temperatures. These blankets have excellent thermal stability and retain their original soft fibrous structure up to its maximum continuous use temperature.

Superwool Plus Blanket is needled from both sides and possess high strength before and after heating, do not contain binder or lubricant and do not emit any fumes or smell during the first firing.

General Specifications

Colour	White
Density	160 kg/m ³
Classification Temperature	1,200°C
Continuous Use Temperature	1,050°C
Melting Temperature	1,325°C

Mechanical Specifications

Tensile Strength	90 kPa
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Thermal Conductivity

Thermal Conductivity @	
200°C	0.04 W/mk
400°C	0.07 W/mK
600°C	0.11 W/mK
800°C	0.16 W/mK
1,000°C	0.23 W/mK

Typical Applications

Superwool® Insulation

Power Generation, especially HRSG duct applications
Industrial and Commercial Chimney Insulation
Furnace, Boiler and Heater Linings
Pipe Wrap
Back-Up Linings in Kilns and Furnaces
Consumer Goods
Storage Heater Insulation
Metals Applications like Launder Covers
Welding Stress Relief

Chemical Analysis

Silica, SiO ₂	62 – 68%
Calcium Oxide, CaO	26 – 32%
Magnesium Oxide, MgO	3 – 7%
Other	< 1%

Approvals

Declarations	MFR Declaration of Conformity
Compliance/Certification	RoHS and REACH

Similar Products

Stock No.	Brand	Product Name	Material Type	Thickness	Sheet Size
103-4058	Superwool	607 HT Board	Rigid Board	20mm	595 x 495mm
103-4077	Superwool	Microporous Board	Rigid Board	20mm	595 x 495mm
137-2238	Superwool	607 Blanket – 160kg/m ³	Flexible Fibre	13mm	3600 x 610mm
137-2239	Superwool	607 Blanket – 160kg/m ³	Flexible Fibre	25mm	2400 x 610mm
555-930	Superwool	Prime Paper	Flexible Felt	2mm	2800 x 610mm
555-931	Superwool	Prime Paper	Flexible Felt	3mm	2200 x 610mm
555-933	Superwool	Prime Paper	Flexible Felt	4mm	2000 x 610mm
555-934	Superwool	Prime Paper	Flexible Felt	6mm	1500 x 610mm
555-936	Superwool	Prime Paper	Flexible Felt	10mm	1200 x 610mm
652-799	Superwool	607 Blanket – 160kg/m ³	Flexible Fibre	38mm	1600 x 610mm
652-800	Superwool	607 Blanket – 64kg/m ³	Flexible Fibre	25mm	3600 x 610mm
724-8903	Superwool	607 Blanket – 128kg/m ³	Flexible Fibre	6mm	5000 x 610mm
724-8906	Superwool	607 Paper	Flexible Felt	2mm	2800 x 610mm
724-8909	Superwool	607 Paper	Flexible Felt	4mm	2000 x 610mm
724-8912	Superwool	607 Blanket – 128kg/m ³	Flexible Fibre	13mm	4750 x 610mm
724-8915	Superwool	607 Blanket – 128kg/m ³	Flexible Fibre	25mm	3600 x 610mm
724-8919	Superwool	607 HT Board – 2 pack	Rigid Board	10mm	595 x 495mm
724-8921	Superwool	607 Bulk Fibre	Loose Fibres	1kg	-
724-8928	Superwool	607 HT Board	Rigid Board	25mm	595 x 495mm
775-7801	Superwool	607 Paper	Flexible Felt	3mm	2200 x 610mm
775-7810	Superwool	607 Paper	Flexible Felt	6mm	1500 x 610mm
840-5513	Superwool	607 HT Board	Rigid Board	15mm	595 x 495mm
840-5517	Superwool	607 Paper	Flexible Felt	9mm	1200 x 610mm
840-5526	Superwool	607 Blanket – 128kg/m ³	Flexible Fibre	38mm	2400 x 610mm
840-5529	Superwool	607 Blanket – 128kg/m ³	Flexible Fibre	50mm	1800 x 610mm