

## Features

- Flame-retardant thermal insulation sheet
- Immune to Thermal Shock
- Low Thermal Conductivity
- Density of 64kg/m<sup>3</sup>
- Suitable for Use up to 1,200°C

## RS PRO 607 Blanket, 64kg Density 3.6m x 610mm x 25mm

RS Stock No.: 652-800



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.

## Product Description

*RS PRO Blanket features exceptional thermal and physical properties. RS PRO 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.*

*RS PRO 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.*

*RS PRO 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	64 kg/m <sup>3</sup>
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	0.06 W/mk
400°C	0.10 W/mK
600°C	0.17 W/mK
800°C	0.26 W/mK
1,000°C	0.38 W/mK

## Typical Applications

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 <sub>2</sub>	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	RS PRO	607 HT Board	Rigid Board	20mm	595 x 495mm
103-4077	RS PRO	Microporous Board	Rigid Board	20mm	595 x 495mm
137-2238	RS PRO	607 Blanket – 160kg/m <sup>3</sup>	Flexible Fibre	13mm	3600 x 610mm
137-2239	RS PRO	607 Blanket – 160kg/m <sup>3</sup>	Flexible Fibre	25mm	2400 x 610mm
555-930	RS PRO	Prime Paper	Flexible Felt	2mm	2800 x 610mm
555-931	RS PRO	Prime Paper	Flexible Felt	3mm	2200 x 610mm
555-933	RS PRO	Prime Paper	Flexible Felt	4mm	2000 x 610mm
555-934	RS PRO	Prime Paper	Flexible Felt	6mm	1500 x 610mm
555-936	RS PRO	Prime Paper	Flexible Felt	10mm	1200 x 610mm
652-799	RS PRO	607 Blanket – 160kg/m <sup>3</sup>	Flexible Fibre	38mm	1600 x 610mm
652-800	RS PRO	607 Blanket – 64kg/m <sup>3</sup>	Flexible Fibre	25mm	3600 x 610mm
724-8903	RS PRO	607 Blanket – 128kg/m <sup>3</sup>	Flexible Fibre	6mm	5000 x 610mm
724-8906	RS PRO	607 Paper	Flexible Felt	2mm	2800 x 610mm
724-8909	RS PRO	607 Paper	Flexible Felt	4mm	2000 x 610mm
724-8912	RS PRO	607 Blanket – 128kg/m <sup>3</sup>	Flexible Fibre	13mm	4750 x 610mm
724-8915	RS PRO	607 Blanket – 128kg/m <sup>3</sup>	Flexible Fibre	25mm	3600 x 610mm
724-8919	RS PRO	607 HT Board – 2 pack	Rigid Board	10mm	595 x 495mm
724-8921	RS PRO	607 Bulk Fibre	Loose Fibres	1kg	-
724-8928	RS PRO	607 HT Board	Rigid Board	25mm	595 x 495mm
775-7801	RS PRO	607 Paper	Flexible Felt	3mm	2200 x 610mm
775-7810	RS PRO	607 Paper	Flexible Felt	6mm	1500 x 610mm
840-5513	RS PRO	607 HT Board	Rigid Board	15mm	595 x 495mm
840-5517	RS PRO	607 Paper	Flexible Felt	9mm	1200 x 610mm
840-5526	RS PRO	607 Blanket – 128kg/m <sup>3</sup>	Flexible Fibre	38mm	2400 x 610mm
840-5529	RS PRO	607 Blanket – 128kg/m <sup>3</sup>	Flexible Fibre	50mm	1800 x 610mm