



ENGLISH

Datasheet

RS PRO Blanket

160kg 3600mm x 610mm x 13mm

RS Stock No: 137-2238

Product

RS PRO Blanket is made of long fibres. It exhibits outstanding insulating properties at elevated temperatures. RS PRO Blanket has an excellent thermal stability and retains its original soft fibrous structure up to maximum continuous use temperature. This blanket contains neither binder nor lubricant and does not emit any fume or smell during the first firing. It is flexible, easy to cut and shape and easy to install.

Type

Blanket made from high temperature insulation wool.
CAS number: 329211-92-9

Classification Temperature

1300°C (ENV 1094-3)

Benefits

- Exceptional thermal insulating properties
- Binder and lubricant free
- Immune to thermal shock
- Low heat storage
- Good resistance to tearing
- Flexible and resilient
- Good sound absorption

Typical Properties

Colour:	white		
Density:	kg/m ³	64, 96, 128, 160	
Tensile Strength (ENV 1094-7)	64 kg/m ³	30 kPa	
	96 kg/m ³	50 kPa	
	128 kg/m ³	75 kPa	
	160 kg/m ³	95 kPa	

Thermal Conductivity (ASTM C-201)

at mean temperature of:		96 kg/m ³	128 kg/m ³	160kg/m ³
200°C	W/m.k	0.05	0.04	0.03
400°C	W/m.k	0.10	0.08	0.07
600°C	W/m.k	0.19	0.14	0.12
800°C	W/m.k	0.32	0.23	0.19
1000°C	W/m.k	0.48	0.34	0.27
1200°C	W/m.k	0.69	0.48	0.38

Chemical Composition

SiO ₂	70-80%
CaO + MgO	18-25%
Others	<3%