



## DESCRIPTION

Isofrax 1260°C Blankets are lightweight needled blankets manufactured from Isofrax alkaline earth silicate wool and provide effective solutions to a variety of thermal management problems. Isofrax 1260°C Blankets are completely inorganic and so retain their strength, flexibility and thermal properties in many working environments, without the generation of smoke or fumes. Available in a range of density and thickness combinations, Isofrax 1260°C Blankets can be used in a wide variety of high temperature applications.

## GENERAL CHARACTERISTICS

Isofrax 1260°C Blankets products have the following outstanding characteristics:

- High temperature stability
- Low thermal conductivity
- Resistance to thermal shock
- Good handling strength
- Excellent flexibility

## TYPICAL APPLICATIONS

- High temperature furnace and kiln linings
- Boiler insulations
- Pipe and duct insulation
- Heat shields

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.

*Start saving energy now.  
Contact your local distributor.*

**Unifrax Ltd.**

T:+44 (0)1744 88 7600

F:+44 (0)1744 88 9916

[www.unifrax.com](http://www.unifrax.com)

## TYPICAL PRODUCT PARAMETERS

Isofrax 1260°C Blanket			
<b>Typical Chemical Analysis (wt.%)</b>			
SiO <sub>2</sub>	70.0 - 80.0		
MgO	>18.0 - 27.0		
Trace	<4.0		
<b>Physical Properties</b>			
Colour	White		
Melting Point (°C)	>1500		
Mean Fibre Diameter (microns)	4.5		
<b>Density (kg/m<sup>3</sup>)</b>	<b>96</b>	<b>128</b>	<b>160</b>
<b>Thermal Conductivity (W/mK)</b>			
<b>Mean Temp.</b>			
400 °C	0.10	0.10	0.09
600 °C	0.15	0.14	0.13
800 °C	0.22	0.20	0.18
1000 °C	0.31	0.27	0.25
<b>Tensile Strength (kPa)</b>			
	25	40	40

Isofrax products are suitable for a variety of high temperature applications. For specific advice on application and operational temperature limits please contact your nearest Unifrax Engineering office. Where appropriate Physical Properties data measured according to EN 1094-1.

## AVAILABILITY

Thickness (mm)	Density (kg/m <sup>3</sup> )			Roll Length (m)
	96	128	160	
13	✓	✓		12.50
25	✓	✓	✓	7.32
38	✓	✓		5.00
50	✓	✓		3.66

Standard roll width is 610mm or 1220mm. Other thicknesses / sizes may be available on request subject to minimum order requirements. Versions with aluminium foil and other coverings are available subject to order.

## HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

Supplied by:

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