

ISOFRAX PAPER

Isofrax 1260°C Paper products are manufactured from Isofrax alkaline earth silicate wool, blended with specially selected organic binders to give flexible papers with exceptional characteristics.

Advanced production techniques ensure a highly uniform structure enhanced by low thermal conductivity, good handling strength and a smooth surface. Isofrax 1260°C Papers are available in a range of thicknesses and roll sizes.



General Characteristics

Isofrax 1260C Paper has these outstanding characteristics:

- High-temperature stability
- Good handling strength
- Lightweight
- Excellent flexibility
- Easy to wrap, cut and shape

Typical Applications

- High temperature gaskets and seals
- Ingot mould liners
- Automotive heat shields
- Molten metal transfer systems (back-up insulation)
- Insulating wrap for shrouds/stopper rods in steel manufacture

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.

Typical Product Parameters

Typical Chemical Analysis (fibre wt. %)

SiO ₂	70,0 – 80,0
MgO	> 18,0 – 27,0
Trace	< 4,0

Physical Properties

Colour	White
Melting Point (°C)	> 1500
Product Density (kg/m ³)	140-160
Tensile Strength (kPa)	350
Mean Fibre Diameter (microns)	4,0
Loss on Ignition (wt. %)	< 10,0

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Thermal Conductivity (W/mK)

400°C	0,08
600°C	0,11
800°C	0,16
1000°C	0,21

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

Availability

Thickness (mm)	Isofrax 1260°C Paper		Roll Length (m)		
	<u>Roll Width (mm)</u>	<u>610</u>	<u>1000</u>	<u>1260</u>	
1	✓	125	380	380	
2	✓	60	180	180	
3	✓	35	110	110	
4	✓	25	80	80	
5	✓	20	60	60	
6	✓	15	45	45	

Other thicknesses / sizes may be available on request subject to minimum order requirements.