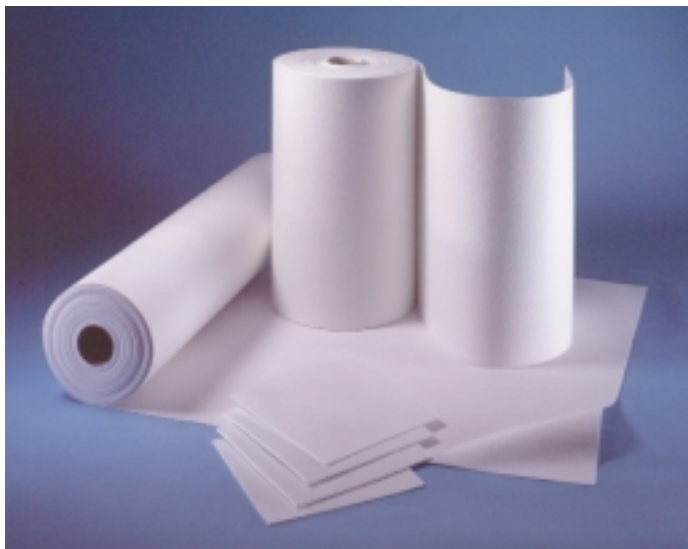


Isofrax® 1260C is a revolutionary new fibre with a unique, patented silica–magnesia chemistry. Designed to be used in a wide variety of demanding, high temperature applications, Isofrax has very high solubility in simulated body fluids and meets the European and German regulatory requirements.

Isofrax 1260C Paper is manufactured by taking long, spun Isofrax fibres and incorporating them in a wet forming process, producing a thin, flexible product with reduced shot content and good handling strength. Isofrax 1260C Paper has excellent chemical stability and is unaffected by most chemicals except hydrofluoric acid, phosphoric acid and strong alkalis.



GENERAL CHARACTERISTICS

Isofrax 1260C Paper has these outstanding characteristics:

- High temperature stability (up to 1260°C)
- Low thermal conductivity
- Good handling strength
- Easy to cut
- Low shot content
- Low heat storage
- Good thermal shock resistance
- Good flexibility

Typical Chemical Analysis (Fibre wt. %)

SiO ₂	70.0 – 80.0
MgO	18.0 – 27.0
Trace	< 4.0
Loss on ignition	7 – 10%

TYPICAL PRODUCT PARAMETERS

Physical Properties

Colour	White
Melting Point	> 1500°C
Mean Fibre Diameter	4.0 – 4.5 microns
Average Tensile Strength (3 mm)	350 kPa
Density	150 Kg/m ³

% Deformation

Compressive Strength

10 % compression	11 kPa
30 % compression	32 kPa
50 % compression	175 kPa

Thermal Conductivity Data (W/mK)

400 °C Mean Temp.	0.073
600 °C Mean Temp.	0.110
800 °C Mean Temp.	0.156
1000 °C Mean Temp.	0.211

Where appropriate Physical Properties and Thermal Conductivity Data measured according to ENV1094-7:1994.

Typical Applications

- Automotive and aerospace heat shields
- Gaskets for ovens, stoves, heaters and other appliances
- Back-up insulation for ladles, glass tanks and launder systems
- Automotive exhaust insulation
- Insulating wrap for shrouds/stopper rods in concast steelmaking
- Investment casting mould wrap
- Thermocouple tube protection

Availability

Thickness	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
Width	Roll Length (m)					
610 mm	125	60	35	25	20	15
1000 mm	380	185	110	80	65	45
1260 mm	380	185	110	80	65	45

Other thickness/width/length variations subject to order

Supplied by:

Contact numbers

Website: www.unifrax.com

United Kingdom

Tel: +44 (0) 1744 88 7600 Fax: +44 (0) 1744 88 9916

France

Tel: +33 (0) 4 77 73 98 25 Fax: +33 (0) 4 77 73 39 91

Germany

Tel: +49 (0) 211 87 746 0 Fax: +49 (0) 211 87 746 115

Belgium

Tel: +32 (0)2 761 23 12 Fax: +32 (0)2 761 23 13

Italy

Tel: +39 02 96701808 Fax: +39 02 9625721

Spain

Tel: +34 91 395 22 79 Fax: +34 91 395 21 24

Handling Information

A Material Safety Data Sheet is available for this product.



Information contained in this publication is for illustrative purposes only and is not intended to create any contractual obligation.

Further information and advice on specific details of the products described should be obtained in writing from a Unifrax Corporation company (Unifrax Benelux, Unifrax España, Unifrax France, Unifrax GmbH, Unifrax Italia, Unifrax Limited).

Unifrax maintains a continuous programme of product development and reserves the right to change product specifications without prior notice. Therefore, it remains at all times the responsibility of the customer to ensure that Unifrax materials are suitable for the particular purpose intended.

Similarly, insofar as materials not manufactured nor supplied by Unifrax are used in conjunction with or instead of Unifrax materials, the customer should ensure that all technical data and other information relating to such materials has been obtained from the manufacturer or supplier. Unifrax accepts no liability arising from the use of such materials.

All sales made by a Unifrax Corporation company are subject to that company's Terms and Conditions of Sale, copies of which are available on request.