

Typical Product Parameters

Density	160 kg/m ³ (10 pcf)
Fiber Index	70% Wt ⁽²⁾
LOI (including binder)	7 to 10% Wt
Thickness (mm)	1, 2, 3, 6 (0.04", 0.08", 0.12", 0.24")
Width (mm)	610, 1220 (24", 48")

For additional information about product performance or to identify the recommended product for your application, please contact the Unifrax Application Engineering Group at 716-278-3888.

Data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.

Note:

(2) Fiber index is measured using the conical elutriation method.

Insulating Value

The following table summarizes the insulating characteristics of Isofrax 1260C Paper. All heat flow calculations are based on a surface emissivity factor of 0.90, an ambient temperature of 27°C (80°F) and zero km/h (mph) wind velocity, unless otherwise stated.

Insulation Thickness	3mm (0.12")	6mm (0.24")
Hot Face	Cold Face (°C/°F)	(°C/°F)
650°C (1202°F)	(377/711)	(296/565)
900°C (1652°F)	(513/956)	(408/766)
1175°C (2147°F)	(659/1218)	(530/985)

Isofrax 1260C Paper can be used in conjunction with hard refractory materials to improve the insulating value and reduce heat loss of the lining system. The following table shows a typical application using 230 mm (9") of Super Duty Firebrick as the hot face with Isofrax 1260C Paper as backup insulation.

Insulation Thickness	3mm (0.12")	6mm (0.24")
Hot Face	Cold Face (°C/°F)	(°C/°F)
650°C (1202°F)	(163/325)	(150/302)
900°C (1652°F)	(205/401)	(190/375)
1175°C (2147°F)	(248/478)	(233/451)

Health and Safety Information

Isofrax Thermal Insulation from Unifrax, according to Directive 97/69/EC, possesses a fiber chemistry within the regulatory definition of a "man-made vitreous (silicate) fiber with random orientation with alkaline oxide and alkaline earth oxide content greater than 18% by weight." Isofrax fibers have been tested pursuant to EU protocol ECB/TM/26, Revision 7, Nota Q, Directive 97/69/EC, with results that are below regulatory thresholds. As a result, Isofrax Thermal

Insulation does not require additional labeling or further testing. In addition, Intratracheal Instillation Biopersistence Testing per the German Hazardous Substance Ordinance has been conducted on Isofrax fibers with results that are below German regulatory thresholds. Refer to the product Material Safety Data Sheet (MSDS) for recommended work practices and other product safety information.

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Product Information Sheets are periodically updated by Unifrax. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.

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