



FyreWrap
Fire protection materials

*When Fire Protection Matters Most
Contact your local distributor.*

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DESCRIPTION

FyreWrap IG Tape from Unifrax is a high performance product designed for the bedding of glass in fire rated window systems. The calcia-magnesia-silica fibre chemistry is designed to enhance solubility in body fluids and as such the product meets current European regulatory requirements. FyreWrap IG Tape is made from paper to which has been applied an adhesive and a removable backing paper for ease of positioning and handling. It adheres to most surface types including glass, metals and plastic laminates. It is ideal for use as a bedding material for fire resistant glazing systems. Other applications include use in fire resistant partitions and as high temperature gaskets. It has good handling strength, excellent insulating properties and the smooth surface makes it especially suitable in seal, gasket and spacer applications.

GENERAL CHARACTERISTICS

FyreWrap IG Tape possesses the following exceptional characteristics:

- High temperature stability
- Easy to wrap, shape and cut
- Speed and ease of installation
- Continued flexibility without ageing

TYPICAL APPLICATIONS

- Bedding material for glazing systems in commercial buildings and fire doors.
- Fire resistant gaskets for metal partitions
- Gaskets in fire resistant ducts

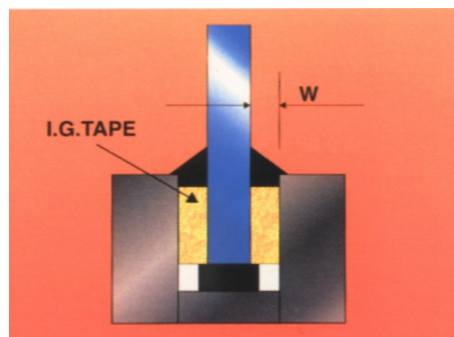
Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.

FIRE TEST DATA

IG Tape has been extensively tested by window system producers as an integral part of steel and timber glazed systems to BS 476 and other equivalent national standards (DIN4102 etc). Please consult the window systems producers for details.

WEATHER RESISTANCE

If exposed to weather, FyreWrap IG Tape should be capped.



*Classification Temperature is not a definition of the operational limit of these products, especially when long term physical or dimensional stability is a factor. For certain applications continuous use temperature limits may be significantly reduced. For assistance or clarification please contact your nearest Unifrax Engineering office. Where appropriate Physical Properties data measured according to EN 1094-1.

TYPICAL CHEMICAL ANALYSIS

Typical Chemical Analysis (base paper wt. %)

Calcia-Magnesia-Silica Fibre	55 - 83
Binder (acrylic)	6 - 12

Typical Product Parameters. Physical Properties (base paper)

Colour	White
Classification Temp.	1200°C
Melting Point	> 1330°C
Paper Density ((kg/m ³))	150
Tensile Strength	≥ 350 kPa

Thermal Conductivity Data (W/mK)

400°C Mean Temp.	0.10
600°C Mean Temp.	0.15
800°C Mean Temp.	0.22

Specifications

Tape Thickness	2.0	3.0	4.0	5.0	6.0
Max gap width * (mm)	1.0	2.0	3.0	4.0	5.0
Normal roll length (m)	10	10	10	10	10

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.

AVAILABILITY

FyreWrap IG Tape is available in the following standard widths: 10, 15, 20, 25, 30, 35, 40, 45 and 50mm.

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

Supplied by:

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