



Product Number: 132

Envirofrax

(Non Intumescent Glazing Tape)

Description:

Envirofrax white glazing tape is non-intumescent, fireproof, anti-vibration, and suitable for fire-rated glass in steel doors, windows, and partitions where intumescent properties are not required. It is 3mm thick, available in three widths, and supplied in 15m long rolls with self-adhesive backing. Can be coloured if required.

Envirofrax is manufactured from high purity refractory fibres and designed for high temperature insulation. Advanced production techniques ensure uniform fibre distribution and close control of thickness and density.

Envirofrax is produced from Alumina-Silicate fibres with the minimum addition of carefully selected bonds, which burn out cleanly in service.

Type:

Refractory Ceramic Fibre Paper

Classification Temperature:

1260°C

The maximum continuous use temperature depends on the application. In case of doubt please contact the Technical Department.

Chemical Composition:

Al ₂ O ₃	%	47
SiO ₂	%	52
Other oxides	%	1

Advantages:

- Good resistance to tearing
- High flexibility
- Low shot content
- Precise thickness
- Resistant to thermal shock
- Very low thermal conductivity

Applications:

- Insulating thermal break
- Insulating gaskets
- Expansion joints
- Parting media
- Die cut gaskets for domestic appliances
- Thermal barriers for vehicles (silencers, catalytic exhausts and heat shields)
- Fire protection

Main Properties:

Classification temperature °C 1260

Typical Physical Properties

- Colour White
- Density kg/m³ 210
- Melting point (minimum) °C 1760
- Tensile strength kN/m² 750
- Thickness measurement pressure kPa 10

High Temperature Performance

- Binder content/loss on ignition % 8
- Shrinkage (24hrs at 1260°C) % 3.5
- Thermal conductivity

(BS 1902 Part 6) at
mean temperature of:

200°C	W/m.K	0.06
300°C	W/m.K	0.07
400°C	W/m.K	0.09
500°C	W/m.K	0.11
600°C	W/m.K	0.13
800°C	W/m.K	