

INSULFRAX PAPER

Tecnical Data Sheet
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It's a glass wool for high temperature with high solubility in biological fluids which involves the exemption from the hazard classes. Insulfrax paper is obtained starting from long and continuous Insulfrax fibers, with good handling, resistance to compression and flexibility. Insulfrax paper can be used in a wide range of applications as thermal insulation and is particularly suitable for use as a static seal.

On request it is also available coupled with 30 micron aluminum foil on one or two sides, and with adhesive supported on paper or LDPE.

BENEFITS:

- Stable at high temperatures (Up to 1200°C)
- Good Handling
- Excellent Flexibility
- Easy Die-stamping
- Good tensile strength.

Composition	UNIT	TYPICAL VALUES
SiO ₂	%	61,0 - 67,0
CaO	%	27,0 - 33,0
MgO	%	2,5 - 6,5
Al ₂ O ₃	%	< 1,0
Fe ₂ O ₃	%	< 0,6
Heat treatment loss	%	< 12
Properties		
Color		White
Classification Temperature	°C	1200°C
Melting Point	°C	1330
Fiber Diameter	Micron	3,2
Density	Kg/m ³	150
Tensile Strength	KPa	250
Thermal Conductivity		
200 °C	W/mK	0,061
400 °C		0,098
600 °C		0,149
800 °C		0,221
Shrinkage 24 h	%	< 4
Width	mm	610; 1220
Length	M	From 30 up to 100
Thickness	mm	From 1 up to 5