

EV-FP1.0

Intumescent Sheet

EV-FP1.0 is a Mono Ammonium Phosphate, Intumescent sheet it is an alternative to graphite-based sheets and is a versatile product suitable for many applications.

EV-FP1.0-A1 is supplied with an adhesive one side. **EV-FP1.0-A0** without adhesive. It is a low pressure activating material which ensures less pressure forming during its expansion in a fire situation.

Features

- Up to 60 minutes fire rated
- Protects against fire
- Low pressure forming
- High fatigue resistance
- Available with Self adhesive (A1)
- Intumescent fire retardant

Benefits

- Easy to Cut
- Fast Installation
- Flexible
- Partially Soluble
- Self Extinguishing

Availability

- Available thicknesses 1mm
- Supplied as sheets in varying widths
- Available as custom cut parts

Recommended Uses

- Automotive and Rail approved
- Aircraft, Wind Energy
- Marine, Defence, Industrial, Recreation

Typical Physical Properties

Property	Test Method	EV-FP1.0
Colour	Visual	White
Thickness	Visual	1 mm
Melting Point (°C)	Foam Forming > 100°C > 300°C	

Mechanical and Electrical Properties

Property	Test Method	EV-FP1.0
Water Solubility		Partially soluble
With Adhesive No Adhesive		EV-FP1.0 A1 EV-FP1.0 A0
Density pH-value	Kg/m ³	1200 < D > 1460



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This material is often used in these industries:



Industrial



LED



PSU



Automotive