

# EV-FP0.6-A1

## Intumescent Sheet

**EV-FP0.6-A1** 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-FP0.6-A1** is supplied with an adhesive one side. **EV-FP0.6-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: 0.6mm
- 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-FP0.6-A1        |
|--------------------|--------------|--------------------|
| Colour             | Visual       | White              |
| Thickness          | Visual       | 0.6 mm             |
| Melting Point (°C) | Foam Forming | > 100°C<br>> 300°C |

#### Mechanical and Electrical Properties

| Property                     | Test Method       | EV-FP0.6-A1                |
|------------------------------|-------------------|----------------------------|
| Water Solubility             |                   | Partially soluble          |
| With Adhesive<br>No Adhesive |                   | EV-FP0.6-A1<br>EV-FP0.6-A0 |
| Density<br>pH-value          | Kg/m <sup>3</sup> | 1200 < D > 1460            |



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This material is often used in these industries:



Industrial



LED



PSU



Automotive