

## TECHNICAL DATASHEET FPC

### Material Description:

This is a modified closed-cell silicone foam on a fibreglass backing, and is available in continuous rolls. FPC offers extraordinary fire blocking properties including the ability to resist burn through when exposed to a 843°C flame for over a quarter of an hour, even longer periods are possible using multiple layers. It also has excellent electrical arc suppression and zero flame spread. Applications for this product include anywhere where a fire barrier is needed. In addition the material offers excellent acoustic insulation properties, and is available with a variety of acrylic and silicone adhesives.

Property	Typical Value
Areal Density (kg/m <sup>2</sup> )	0.8 for 1.5mm thick
Colour	White
Structure	Silicone Foam on Glass fibre
Burn through resistance	843°C flame for 20 minutes
Width (mm)	to 915
Thickness (mm)	1.5, 3.2 and 6.4

### Meets:

- **ABD0031**
- **FAR 25.853 (a)(1)(ii)**
- **FAR 25.855 (1.6mm thick)**
- **DAN 1226.02 (1.6mm thick)**
- **ABS 5026 (1.6mm thick)**

### HEALTH RISK INFORMATION

In the form supplied FPC does not present an immediate Health Risk. However, processing and handling can produce airborne respirable fibres, inhalation of which may cause serious respiratory disease. For further information please see Material Safety Data Sheets.