

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 ²)	0.8 for 1.5mm thick
Colour	White
Structure	Silicone Foam on Glassfibre
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**
- **FAR 25.855 (1.6mm thick)**
- **FAR 25.856(a) (1.6mm thick) with flame applied to foam side**
- **DAN 1226.02 (1.6mm thick)**
- **ABS 5026 (1.6mm thick)**