

A2 Sound Barrier is a solid silicone rubber engineered to meet demanding requirements for flammability, smoke density and toxicity. It is used to block the transmission of sound and demonstrates excellent performance in low frequency noise reduction.

Innovative filler technology is used to create superior flame resistance meeting the radiant panel flammability test JAR/FAR Part 25, 25.853(a), Change 15 Amdt. 25-91.

Self adhesive options are available.

Property	Typical Value	Test Method
Polymer Type	Silicone	ISO 1629
Colour	Light Grey	
Density (g/cm ³)	1.64	ISO 2781
Areal Density (kg/m ²)	1.2 - 8.2	
Standard Roll Length (m)	5	
Standard Width (mm)	1000	
Hardness (Shore A)	62	ISO 868
Tensile Strength (MPa)	2.8	ISO 37 Type 2
Elongation (%)	220	ISO 37 Type 2
Tear Strength (N/mm)	10.2	ISO 34 Method C
Temperature Stability (°C)	-55 to 180	
Flammability	Pass JAR/FAR, Part 25 25.853(a) Change 15/Amdt. 25-91	JAR/FAR Part 25, App. F, Part I, Para (a)(1)(ii)
Flame Propagation Resistance	Pass FAR, Part 25 25.856(a)	FAR Part 25, App. F, Part VI
Flame Penetration Resistance in Bonded Condition	Pass JAR/FAR, Part 25 Change 15/Amdt. 25-60, 25.855(c) and App. F Part III	JAR/FAR Part 25, Change 15/ Amdt. 25-60, App. F, Part III
Smoke Gas Components	Pass	AITM 3.0005
Smoke Density	Pass	AITM 2.0007 JAR/FAR Part 25, App. F, Part V

Meets:

- ABS 5708