

A2R Reinforced Sound Barrier is a reinforced solid silicone rubber engineered to meet demanding requirements for flammability, smoke density and toxicity. It can be used to block the transmission of sound in

furnishing, equipment and insulation applications. The material meets JAR/FAR Part 25, 25.853(a). It can be perforated and/or supplied as cut parts.

Self adhesive options are available.

Property	Typical Value	Test Method
Polymer Type	Silicone	ISO 1629
Colour	Light Grey	
Areal Density (kg/m ²)	1, 1.5 & 3	
Standard Roll Length (m)	5	
Standard Width (mm)	1000	
Temperature Stability (°C)	-55 to 180	
Hardness (Shore A)	60	ISO 7619 (without reinforcement)
Tensile Strength (MPa)	Warp 14, Weft 8	ISO 37 Type 2
Flammability	Pass	FAR 25.853 (a)
Flame Propagation Resistance	Pass	FAR 25.856 (a) (AITM 2.0053)
Smoke Gas Components	Pass	AITM 3.0005
Smoke Density	Pass	AITM 2.0007

Meets:

- ABS 5789