

### A2R REINFORCED SOUND BARRIER

Material Description:

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 as a noise barrier in furnishing, equipment and insulation applications. The material meets FAR 25.856(a). It can be perforated and/or supplied as cut parts.

#### Applications

- Aircraft acoustic insulation
- Meets Airbus ABS5789
- Meets Airbus AIMS 04-22-005

#### Availability

- Typical width 1000mm  
Typical length 5m
- Areal density nominally 1kg/m<sup>2</sup>, 1.5kg/m<sup>2</sup> and 3kg/m<sup>2</sup>

Property	Typical Value	Test Method
Polymer Type	Silicone	ISO 2286-2  ISO 868  ISO 37 Type 2
Colour	Light Grey	
Aerial Weight	1 - 3 kg/m <sup>2</sup>	
Hardness	60 Shore A	
Tensile Strength	Warp 14 Mpa Weft 8 Mpa	
Temperature Stability	-50° C to +180° C	

Fire Resistance	
Flammability	Pass JAR/FAR, part 25 25.853(a)(1)(ii)
Flame Propagation Resistance	Pass JAR/FAR, part 25 25.856(a)
Smoke Gas Components	Pass AITM 3.0005
Smoke density	Pass AITM 2.0007

#### Sales Contact Lines:

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The data and specifications are for reference and guidance only, are subject to change and do not constitute a warranty to fitness for a particular purpose.