

## DURASONIC® 531066

**Description:** DURASONIC® 531066 is a 60.0 oz/yd<sup>2</sup> mass loaded, reinforced sound barrier material specifically formulated for acoustic and flame resistant aerospace applications with improved flexibility.

**Applications:** DURASONIC® 531066 combines the noise abatement properties of our DURASONIC® line with the high temperature flame resistant properties of our DURATRIM®. This latest generation provides improved workability during fabrication.

**Compliance:** DURASONIC® 531066 is REACH compliant, DECA-BDE free, and can be certified to Boeing specification BMS 8-374D Type I Class 1 and 2.

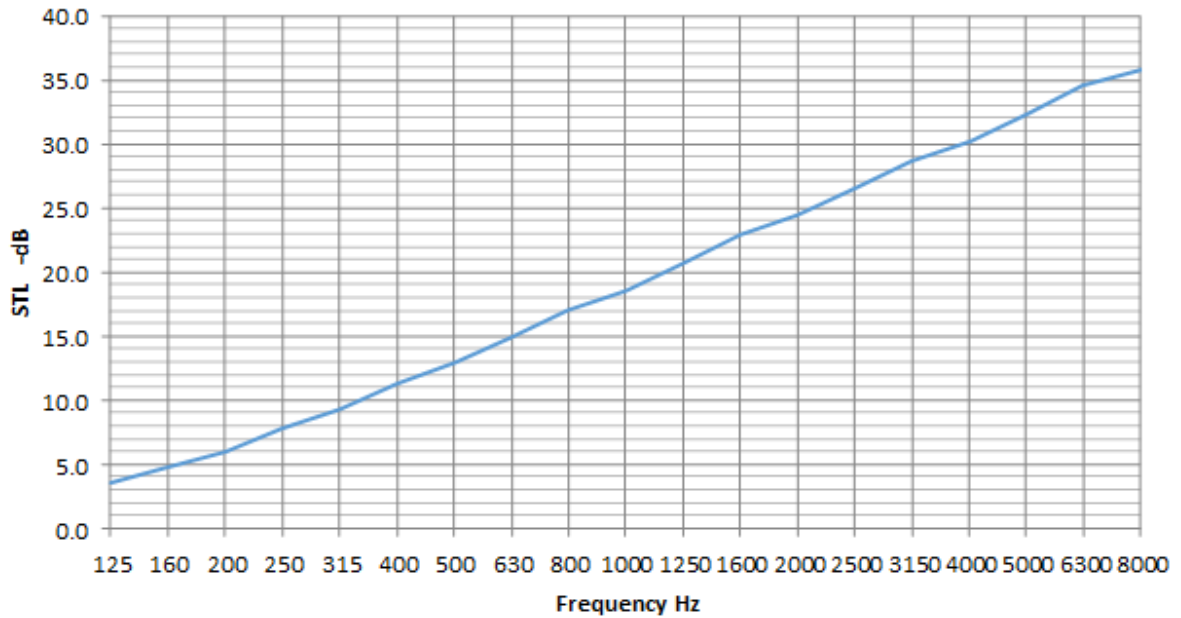
### PHYSICAL PROPERTIES

Test and Methods	Imperial			Metric	
	Spec.	*Typical	Unit	*Typical	Unit
<b>Weight</b> FSTM191.5041	60.0 ± 3	60.0 ± 2	oz/yd <sup>2</sup>	2.0 ± 0.07	kg/m <sup>2</sup>
<b>Thickness</b> FSTM191.5030	0.060 maximum	0.051 ± 0.004	inches	1.29 ± 0.10	mm
<b>Radiant Panel (Face/Back)</b> FAR 25.856(a)	---	---	---	---	---
After Flame	< 3	< 3	seconds	< 3	seconds
Flame Propagation	< 2	< 2	inches	< 50.8	mm
<b>Tensile – Grab (MD/CD)</b> FSTM191.5100	110 / 100 minimum	870 / 1058 ± 72	lbs	3870 / 4706 ± 320	N
<b>Tear – Trap (MD/CD)</b> ASTM D1117	100 / 100 minimum	195 / 183 ± 66	lbs	867 / 814 ± 294	N
<b>Standard Width</b>	48		inches	1219	mm

\*The information contained in this technical data bulletin is believed to be true and accurate. The typical physical properties are from historical testing and should not be considered a specification. This information is to be used only as a guide. It is the responsibility of the end user to determine the suitability of our products for each specific application.

03.01.17 JB

### 531066 Sound Transmission Loss



### Sound Transmission Loss

