

DURASONIC® 531066

Description: DURASONIC® 531066 is a 60.0 oz/yd² 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.

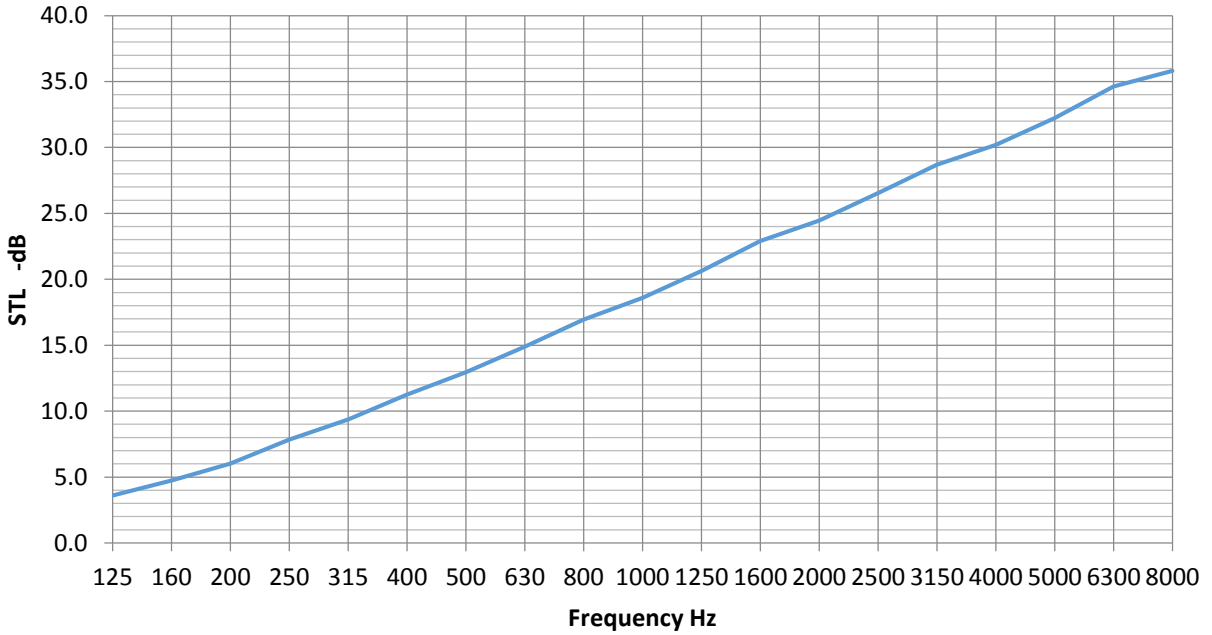
PHYSICAL PROPERTIES

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

