

DURASONIC[®] 5644

Description: DURASONIC[®] 5644 is a 40.0 oz/yd² mass loaded, reinforced sound barrier material specifically formulated for acoustic and flame resistant aerospace applications with improved flexibility.

Applications: DURASONIC[®] 5644 combines the noise abatement properties of our DURASONIC[®] line with the high temperature flame resistant properties of our DURATRIM[®]. This latest generation provides improved flexibility.

Compliance: DURASONIC[®] 5644 is REACH compliant, DECA-BDE free and can be certified to Boeing specification BMS 8-374D Type IV Class 1 and 2.

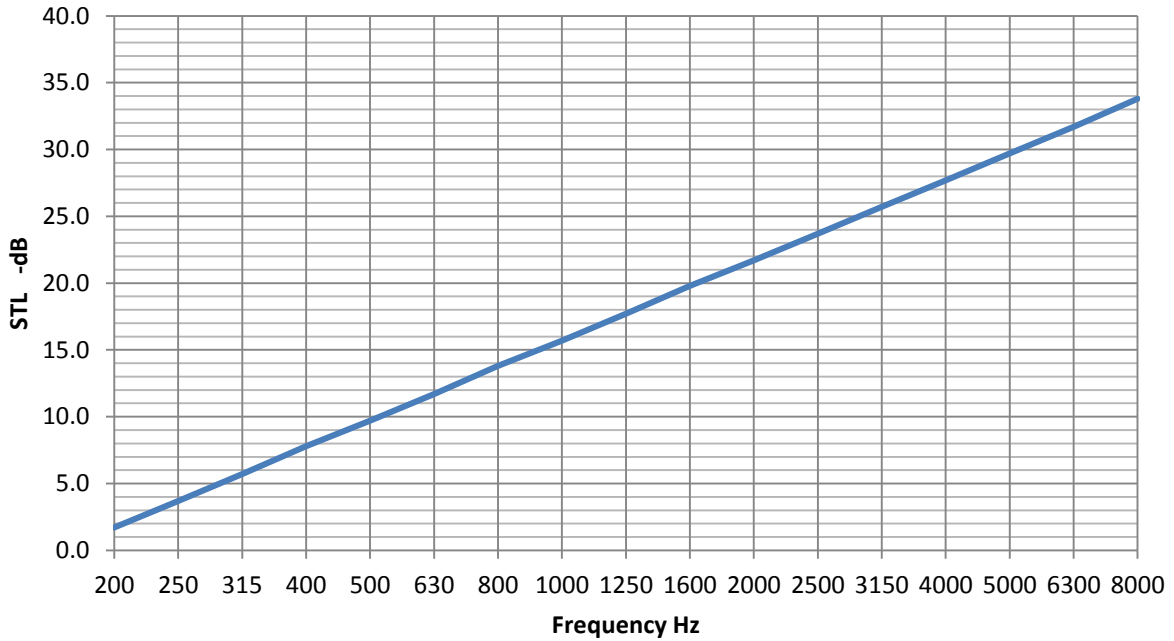
PHYSICAL PROPERTIES

Test and Methods	Imperial			Metric	
	Spec.	*Typical	Unit	*Typical	Unit
Weight FSTM191.5041	40 ± 3	40.0 ± 1.4	oz/yd ²	1.4 ± 0.05	kg/m ²
Thickness FSTM191.5030	0.036 Max.	0.03 ± 0.001	inches	0.76 ± 0.025	mm
Radiant Panel (Face/Back) FAR 25.856(a)	---	---	---	---	---
After Flame	< 3	0.0 / 0.0	seconds	0.0 / 0.0	seconds
Flame Propagation	< 2	0.0 / 0.8	inches	0.0 / 20.3	mm
Tensile – Grab (MD/CD) FSTM191.5100	110 / 100 Min.	397 / 355 ± 71	lbs	1766 / 1579 ± 316	N
Tear – Trap (MD/CD) ASTM D1117	5 Min.	22.3 / 20.0 ± 6.0	lbs	99.2 / 89.0 ± 26.7	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

5644 Sound Transmission Loss



DURASONIC® Sound Transmission Loss

◆ 5622 □ 5633 ▲ 5644 ✕ 5666

