duracote®
ADVANCED MATERIALS

DURASONIC® 5622

Description: **DURASONIC® 5622** is a 20.0 oz/yd^2 mass loaded, reinforced sound barrier material specifically formulated for acoustic and flame resistant aerospace applications with improved flexibility.

Applications: **DURASONIC® 5622** 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® 5622** is REACH compliant, DECA-BDE free and can be certified to Boeing specification BMS 8-374D Type II Class 1 and 2.

PHYSICAL PROPERTIES

Test and Methods	Imperial			Metric	
	Spec.	*Typical	Unit	*Typical	Unit
Weight FSTM191.5041	20 ± 2	20.0 ± 1	oz/yd^2	0.7 ± 0.03	kg/m^2
Thickness FSTM191.5030	0.022 Max.	0.016 ± 0.001	inches	0.406 ± 0.025	mm
Radiant Panel (Face/Back) FAR 25.856(a)	- - -	- - -	- - -	- - -	- - -
After Flame	< 3	0.0 / 0.0	seconds	0/0	seconds
Flame Propagation	< 2	0.0 / 0.75	inches	0.0 / 19.1	mm
Tensile – Grab (MD/CD) FSTM191.5100	110 / 100 Min.	402 / 330 ± 65	lbs	1788 / 1468 ± 289	N
Tear – Trap (MD/CD) ASTM D1117	5 Min.	22.9 / 19.5 ± 6	lbs	101.9 / 86.7 ± 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

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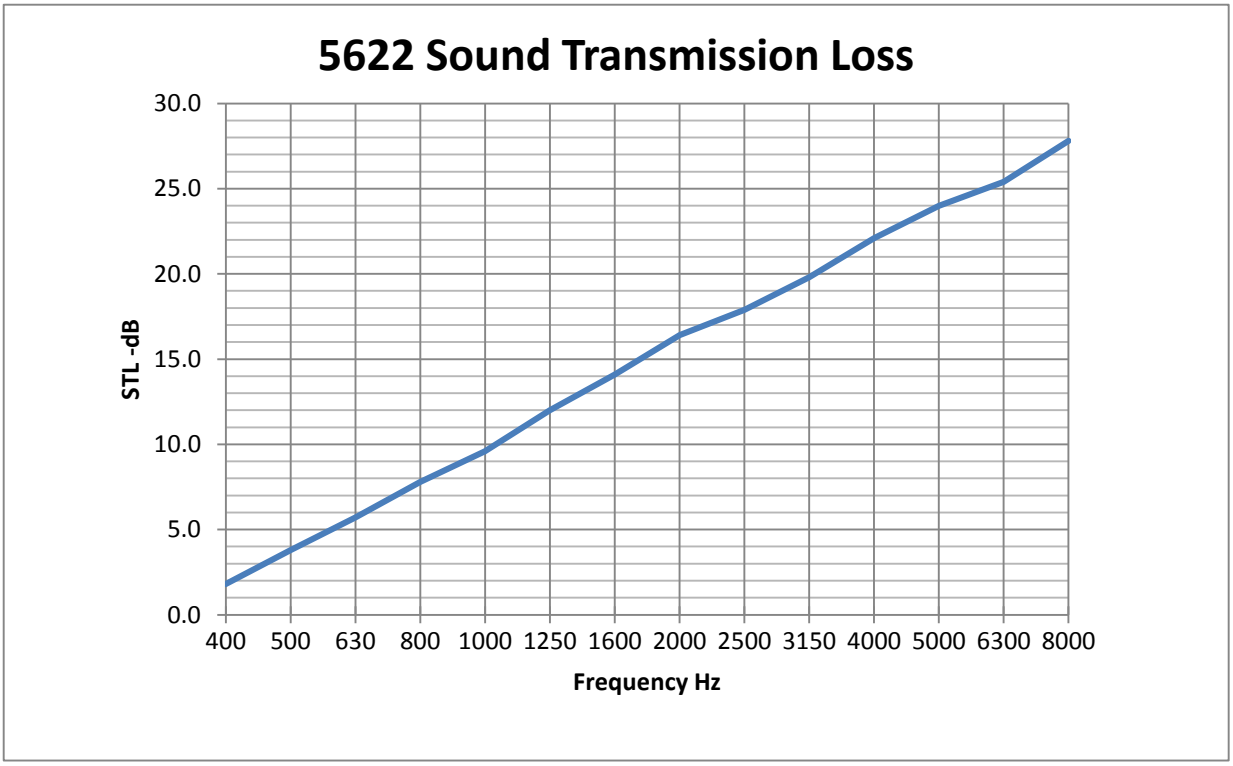
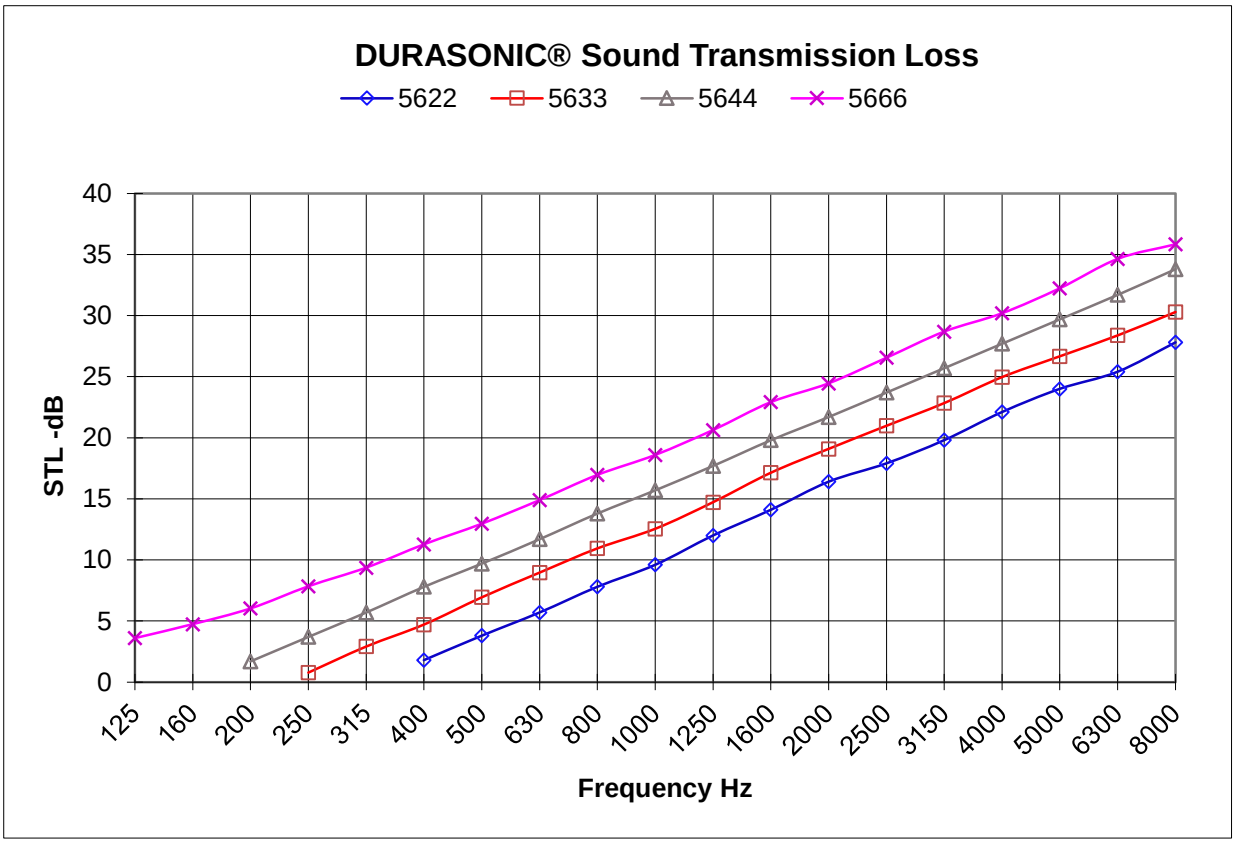
www.duracote.com Certified to the ISO 9001:2015 with Design


5622 Sound Transmission Loss
30.0
25.0
20.0
15.0
10.0
5.0
0.0
STL -dB
400 500 630 800 1000 1250 1600 2000 2500 3150 4000 5000 6300 8000
Frequency Hz


DURASONIC® Sound Transmission Loss
5622
5633
5644
5666
40
35
30
25
20
15
10
5
0
STL -dB
125 160 200 250 315 400 500 630 800 1000 1250 1600 2000 2500 3150 4000 5000 6300 8000
Frequency Hz