

DURASONIC[®] 531044

Description: DURASONIC[®] 531044 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[®] 531044 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[®] 531044 is REACH compliant, DECA-BDE free, and can be certified to Boeing specification BMS 8-374D Type IV Class 1, 2 and 3.

PHYSICAL PROPERTIES

Test and Methods	Imperial			Metric	
	Spec.	*Typical	Unit	*Typical	Unit
Weight FSTM191.5041	40.0 ± 3	40.0 ± 1	oz/yd ²	1.4 ± 0.03	kg/m ²
Thickness FSTM191.5030	0.036 maximum	0.03 ± 0.003	inches	0.76 ± 0.08	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	454 / 384 ± 145	lbs	2019 / 1708 ± 645	N
Tear – Trap (MD/CD) ASTM D1117	5 / 5 minimum	32 / 24 ± 5	lbs	142 / 107 ± 22	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

