

DURASONIC[®] 531033

Description: DURASONIC[®] 531033 is a 30.0 oz/yd² mass loaded, reinforced sound barrier material specifically formulated for acoustic and flame resistant aerospace applications with improved flexibility.

Applications: DURASONIC[®] 531033 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[®] 531033 is REACH compliant, DECA-BDE free, and can be certified to Boeing specification BMS 8-374D Type III Class 1 and 2.

PHYSICAL PROPERTIES

Test and Methods	Imperial			Metric	
	Spec.	*Typical	Unit	*Typical	Unit
Weight FSTM191.5041	30.0 ± 2	30.0 ± 2	oz/yd ²	1.0 ± 0.07	kg/m ²
Thickness FSTM191.5030	0.029 maximum	0.022 ± 0.001	inches	0.56 ± 0.025	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	482 / 390 ± 176	lbs	2144 / 1735 ± 783	N
Tear – Trap (MD/CD) ASTM D1117	5 / 5 minimum	33 / 25 ± 6	lbs	147 / 111 ± 27	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.

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