

# DURASONIC® 531044

**Description:** DURASONIC® 531044 is a 40.0 oz/yd<sup>2</sup> 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
<b>Weight</b> FSTM191.5041	40.0 ± 3	40.0 ± 1	oz/yd <sup>2</sup>	1.4 ± 0.03	kg/m <sup>2</sup>
<b>Thickness</b> FSTM191.5030	0.036 maximum	0.03 ± 0.003	inches	0.76 ± 0.08	mm
<b>Radiant Panel (Face/Back)</b> FAR 25.856(a)	---	---	---	---	---
After Flame	< 3	< 3	seconds	< 3	seconds
Flame Propagation	< 2	< 2	inches	< 50.8	mm
<b>Tensile – Grab (MD/CD)</b> FSTM191.5100	110 / 100 minimum	454 / 384 ± 145	lbs	2019 / 1708 ± 645	N
<b>Tear – Trap (MD/CD)</b> ASTM D1117	5 / 5 minimum	32 / 24 ± 5	lbs	142 / 107 ± 22	N
<b>Standard Width</b>	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

