

## DURASONIC<sup>®</sup> 5633

**Description:** DURASONIC<sup>®</sup> 5633 is a 30.0 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<sup>®</sup> 5633 combines the noise abatement properties of our DURASONIC<sup>®</sup> line with the high temperature flame resistant properties of our DURATRIM<sup>®</sup>. This latest generation provides improved flexibility.

**Compliance:** DURASONIC<sup>®</sup> 5633 is REACH compliant, DECA-BDE free and can be certified to Boeing specification BMS 8-374D Type III Class 1 and 2.

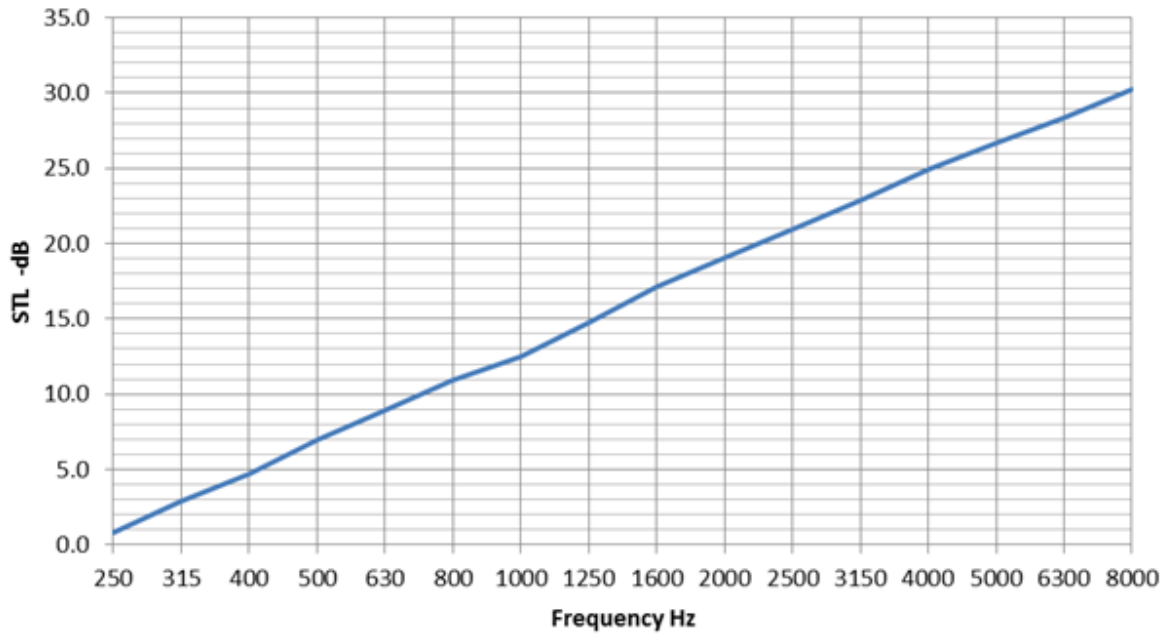
### PHYSICAL PROPERTIES

| Test and Methods                                      | Imperial       |                    |                    | Metric                 |                   |
|---|----------------|--------------------|--------------------|------------------------|-------------------|
|   | Spec.          | *Typical           | Unit               | *Typical               | Unit              |
| <b>Weight</b><br>FSTM191.5041                         | 30 ± 2         | 30.0 ± 2           | oz/yd <sup>2</sup> | 1.0 ± 0.07             | kg/m <sup>2</sup> |
| <b>Thickness</b><br>FSTM191.5030                      | 0.029 Max.     | 0.022<br>±0.001    | inches             | 0.56 ±<br>0.025        | mm                |
| <b>Radiant Panel<br/>(Face/Back)</b><br>FAR 25.856(a) | ---            | ---                | ---                | ---                    | ---               |
| After Flame   | < 3            | 0.0 / 0.0          | seconds            | 0.0 / 0.0              | seconds           |
| Flame Propagation                                     | < 2            | 0.0 / 1.0          | inches             | 0.0 / 25.4             | mm                |
| <b>Tensile – Grab (MD/CD)</b><br>FSTM191.5100         | 110 / 100 Min. | 396 / 325<br>± 80  | lbs                | 1761 / 1446<br>± 356   | N                 |
| <b>Tear – Trap (MD/CD)</b><br>ASTM D1117              | 5 Min.         | 23.3 / 20.0<br>± 6 | lbs                | 103.6 / 89.0<br>± 26.7 | N                 |
| <b>Standard Width</b>                                 | ---            | 48                 | inches             | 1219.2                 | 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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### 5633 Sound Transmission Loss



### DURASONIC® Sound Transmission Loss

◆ 5622   
 ■ 5633   
 ▲ 5644   
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