

DURASONIC[®] 5859

Description: DURASONIC[®] 5859 is a 1.0 lb/ft² mass loaded, non-reinforced sound barrier with an embossed wear-resistant vinyl facing and ¼" acoustical urethane foam underlay.

Applications: DURASONIC[®] 5859 is used for vehicle interior compartment sound shielding applications where the embossed face skin gives added value for scuff resistance and aesthetic qualities (wheel well covers, engine compartment covers, etc.).

Available Colors: Black.

Compliance: DURASONIC[®] 5859 meets the requirements of FAR 25.853(a).

TYPICAL PHYSICAL PROPERTIES

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
Weight FSTM191.5041	165.0 ± 10	oz/yd ²	5.6 ± 0.3	kg/m ²
Thickness FSTM191.5030	0.35 ± 0.01	inches	8.9 ± 0.25	mm
Vertical Flammability (MD/CD) FAR 25.853(a)(1)(ii)	---	---	---	---
After Flame	0.0 / 0.0	seconds	0.0 / 0.0	seconds
Burn Length	0.1 / 0.2	inches	2.5 / 5.1	mm
Tensile – Cut Strip (MD/CD) FSTM191.5102	33.4 / 32.0 ± 10	lbs	148.6 / 142.3 ± 44.5	N
Tear – Tongue (MD/CD) FSTM191.5134	3.1 / 3.0 ± 1.0	lbs	13.8 / 13.3 ± 4.4	N
Elongation (MD/CD) FSTM191.5102	95 / 83 ± 30	percent	95 / 83 ± 30	percent
Standard Width	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.

03.01.17 JB