

DURASONIC[®] 500X SERIES

Description: DURASONIC[®] 500X SERIES offers a choice of three reinforced, mass-loaded vinyl barriers of different weights.

Applications: DURASONIC[®] 500X SERIES is a proven family of noise-abatement products, characterized by a high weight to volume (mass) flexible vinyl structure.

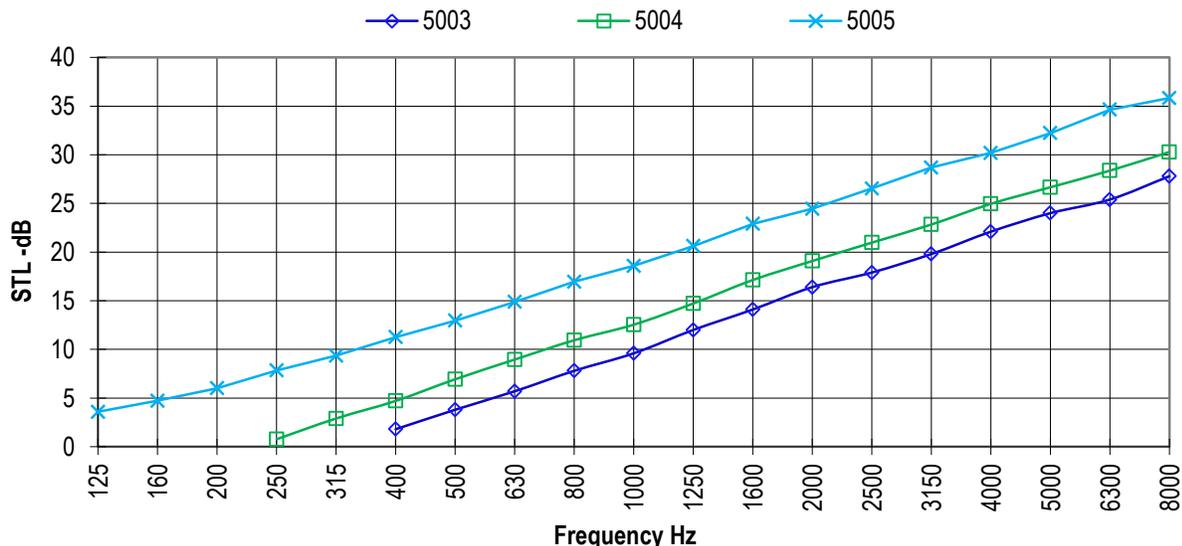
Compliance: DURASONIC[®] 500X SERIES can be certified to Boeing specification BMS 8-47F.

PHYSICAL PROPERTIES

| Test and Methods | 5003 | | 5004 | | 5005 | |
|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|
| | Imperial | Metric | Imperial | Metric | Imperial | Metric |
| Weight FSTM191.5041 | 20.0 ± 2 oz./yd ² | 0.7 ± 0.07 kg/m ² | 30.0 ± 2 oz./yd ² | 1.0 ± 0.07 kg/m ² | 60.0 ± 3 oz./yd ² | 2.0 ± 0.1 kg/m ² |
| Thickness FSTM191.5030 | ≤ 0.018 in. | ≤ 0.457 mm | ≤ 0.024 in. | ≤ 0.610 mm | ≤ 0.050 in. | ≤ 1.27 mm |
| Adhesion ASTM D751 | > 3 lbs./in. | > 13 N/25mm | > 3 lbs./in. | > 13 N/25mm | > 3 lbs./in. | > 13 N/25mm |
| Vertical Flammability FAR 25.853(a)(1)(ii) | --- | --- | --- | --- | --- | --- |
| After Flame | < 15 sec | < 15 sec |
| Burn Length | < 8 in. | < 203 mm | < 8 in. | < 203 mm | < 8 in. | < 203 mm |
| Drip Time | < 5 sec | < 5 sec |
| Grab Tensile (MD/CD) FSTM191.5100 | > 110 lbs. | > 489 N | > 110 lbs. | > 489 N | > 110 lbs. | > 489 N |
| Trap Tear (MD/CD) ASTM D1117 | > 12 lbs. | > 53 N | > 12 lbs. | > 53 N | > 12 lbs. | > 53 N |
| High Temp. Resistance Section 8.5 | PASS | | PASS | | PASS | |
| Corrosion Section 8.3 | PASS | | PASS | | PASS | |
| BMS 8-47F | TY IV | | TY III | | TY I | |

NOTE: The information provided is the best currently available and has been obtained by prevailing test methods. It is true and accurate to the best of our knowledge. The information is provided as guidelines, should not be considered as specifications and is subject to revision as additional knowledge and experience on this product are gained. It is the responsibility of the end user to determine the suitability of our products for their application.

Sound Transmission Loss



03.01.17 JB