

**AEROSPACE
MATERIAL
SPECIFICATION**

AMS 3560A

Issued 1-1-46
Revised 4-1-84

FIBREBOARD, SOLID

This specification has been declared "NONCURRENT" by the Aerospace Materials Division, SAE, as of 4-15-58. It is recommended that this specification not be specified for new designs.

This cover sheet should be attached to the "A" revision of the subject specification.

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This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of 1-1-84. By this action, subject specification number and title will be deleted from the active specification index of Aerospace Material Specifications.

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AERONAUTICAL MATERIAL SPECIFICATION

Society of Automotive Engineers, Inc.
29 West 39th Street
New York City

AMS 3560 A

Issued 1-1-46

Revised 2-15-53

FIBREBOARD, SOLID

1. ACKNOWLEDGMENT: A vendor shall mention this specification number and its revision letter in all quotations and when acknowledging purchase orders.
2. APPLICATION: Primarily for shipping containers where greater resistance to puncturing than is afforded by corrugated fibreboard is required and cushioning is of less importance or is provided by other means.
3. MATERIAL: Shall consist of layers of thoroughly sized, heavily compressed paper-board bonded with a waterproof adhesive. Outer layers of paperboard shall be 100% sulfate kraft paper.
4. TECHNICAL REQUIREMENTS:
 - 4.1 As Received:
 - 4.1.1 Bursting Strength: Shall be not lower than 550 psi, determined as in 4.1.1.1.
 - 4.1.1.1 Bursting strength shall be determined in accordance with the general procedure described in ASTM D774-46 on a Mullen or Cady tester of suitable capacity. Six punctures shall be made on sound unscored portions, 3 from each side of the board. The average of the 6 punctures shall be reported.
 - 4.1.2 Bending: Material scored with a flat type score of such width and depth that inside faces will not crowd each other at the heel of a 90 degree bend shall not rupture or separate when folded, with depressed portion of score on inside of bend, flat on itself and then opened flat 12 times.
 - 4.2 Water Resistance: Specimens approximately 6 x 10 in. shall be immersed vertically in tap water at room temperature for 24 hr with 10 in. edge horizontal and top edge 1 in. below surface of water, so supported that water has free access to all surfaces and that separation of components is not restricted. Water shall have pH between 5.8 and 8.0 and shall be drawn fresh for each batch of samples. Upon removal from water, excess surface water shall be removed so that surfaces no longer glisten. Material so treated shall conform to the following requirements.
 - 4.2.1 Bursting Strength: Shall be not lower than 500 psi, determined as in 4.1.1.1.
 - 4.2.2 Component Separation: Shall extend not more than 1/4 in. from edges as determined by flexing by thumb pressure on any loose edges.
5. QUALITY: Material shall be uniform in quality and condition, clean, and free from foreign materials and from defects detrimental to its performance.

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