

AERONAUTICAL MATERIAL SPECIFICATION

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

AMS 3288

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Revised

FELT, UPHOLSTERY
(100% wool)

CANCELLED

1. ACKNOWLEDGMENT: A vendor must mention this specification number in all quotations and when acknowledging purchase orders.
2. APPLICATION: This material shall be suitable for applications where a firm, thin felt is required as padding and lining for instruments and machine parts.
3. COMPOSITION: (a) This material shall be made of 100% wool, color as specified.
(b) The chemical requirements are as follows:-

(1) actual wool content -----	Min	95%
(2) carbon tetrachloride soluble -----	Max	2.5
(3) water soluble -----	Max	3.0
(4) combined (2) & (3) -----	Max	4.5
(5) ash -----	Max	1.5
4. REQUIREMENTS: (a) This material shall be well carded to produce a uniform and even mixture which shall be well felted to meet the weight, strength and thickness requirements.
(b) The weight requirement is 7.5 oz. to 8.5 oz. per sq. yd. for 3/64 inch thick material.
(c) Breaking strength 35 lbs per 2 inch width minimum lengthwise and 30 lbs per 2 inch width transversely.
5. QUALITY: (a) All felt shall be uniform in thickness and shall be free from tears, holes, lumps, wrinkles, foreign matter and/or any other imperfections affecting appearance and serviceability.
(b) The finished felt shall be reasonably smooth and evenly felted.
6. TESTS: All tests shall be made in accordance with the latest revision of A.S.T.M. Specification D-461, Testing of Wool Felts.
7. TOLERANCES: The permissible thickness tolerance shall be .035 to .060 inches.
8. APPROVAL: A manufacturer shall not supply material to this specification until samples are approved by the purchaser and after approval the constituents and/or the method of manufacture shall not be changed without written permission from the purchaser. Results of the tests of incoming shipments shall be as good as those on the approved samples.
9. REJECTIONS: Material not conforming to this specification, or modifications specified on the drawing or the purchase order, is subject to rejection. If samples for verification are desired by the vendor, they must be claimed within three weeks. Rejected material or parts will be held for a reasonable time, at the vendor's risk awaiting shipping instructions for the return of same for credit or replacement as specified. Vendor shall pay all transportation charges.



Documents

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NOTE: SIMILAR SPECIFICATIONS: ARMY 8-15 and SAE F-50 are listed for information only and are not to be construed as acceptable alternates unless all the requirements of this AMS are met.