

**AEROSPACE
MATERIAL
SPECIFICATION**

AMS 3540A

Issued 4-1-43
Revised 10-1-82

PAPER, GREASEPROOF
Acid Free - Noncorrosive - Light Duty

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 10-1-82. By this action, subject specification number and title will be deleted from the active specification index of Aerospace Material Specifications.

This specification is under the jurisdiction of AMS Committee "C".

SAE Technical Board rules provide that: "All technical reports, including standards approved and practices recommended, are advisory only. Their use by anyone engaged in industry or trade or their use by governmental agencies is entirely voluntary. There is no agreement to adhere to any SAE standard or recommended practice, and no commitment to conform to or be guided by any technical report. In formulating and approving technical reports, the Board and its Committees will not investigate or consider patents which may apply to the subject matter. Prospective users of the report are responsible for protecting themselves against liability for infringement of patents."

AERONAUTICAL MATERIAL SPECIFICATION

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

AMS 3540A

Issued 4-1-43

Revised 2-15-53

PAPER, GREASEPROOF
Acid Free - Noncorrosive - Light Duty

1. ACKNOWLEDGMENT: A vendor shall mention this specification number and its revision letter in all quotations and when acknowledging purchase orders.
2. APPLICATION: Primarily as a primary wrapper in contact with highly finished and corrodible metallic surfaces which will usually be coated with corrosive preventive compound.
3. MATERIAL: Shall be a greaseproof, noncorrosive coated or impregnated paper. Paper may be creped.
4. TECHNICAL REQUIREMENTS:
 - 4.1 General:
 - 4.1.1 Color: Material shall be colored red throughout or by identifying stripes with a light-fast, direct dye.
 - 4.1.2 Flexibility: Shall be sufficient to permit folding and shaping ordinarily encountered in manual or machine packaging operations without mechanical failure or appreciable loss of greaseproofness.
 - 4.1.3 Corrosion: Material shall not cause corrosion or staining of metals.
 - 4.2 Properties:
 - 4.2.1 As Received: Material shall conform to the following requirements; tests shall be made on the product supplied and in accordance with listed methods, insofar as practicable.

	Property	Value	Test Method
4.2.1.1	Basis Weight, 500 sheets 24 x 36 in., lb, max	55	ASTM D616-50
4.2.1.2	Bursting Strength, psi, min	20	ASTM D776-46
4.2.1.2.1	Creped material may have bursting strength not lower than 16 psi provided stretch across crepe is not lower than 15%.		
4.2.1.3	Tearing Resistance, g, min	12	ASTM D689-44
4.2.1.3.1	Creped material may have tearing resistance not lower than 9 g provided stretch across crepe is not lower than 15%.		
4.2.1.4	Tensile Breaking Strength, lb per in. width, min		ASTM D828-48
	Machine Direction	11	
	Cross Direction	5	

Section 7C of the SAE Technical Board rules provides that: "All technical reports, including standards approved and practices recommended, are advisory only. Their use by anyone engaged in industry or trade is entirely voluntary. There is no agreement to adhere to any SAE standard or recommended practice, and no commitment to conform to or be guided by any technical report. In formulating and approving technical reports, the Board and its Committees will not investigate or consider patents which may apply to the subject matter. Prospective users of the report are responsible for protecting themselves against liability for infringement of patents."