Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15096

AEROSPACE MATERIAL SPECIFICATION

AMS 2810D
Superseding AMS 2810C
Issued 11-1-44
Revised 6-15-75

IDENTIFICATION AND PACKAGING
Elastomeric Products

1. SCOPE: This specification provides requirements for the identification and packaging of sheet, strip, extrusions, and molded parts made of natural rubber, synthetic rubber, reclaimed rubber, and combinations of the above with other materials such as asbestos, cork, and fabrics. AMS 2817 covers preferred requirements for identification and packaging of preformed packings.

2. APPLICABLE DOCUMENTS: The following publications form a part of this specification to the extent specified herein. The latest issue of Aerospace Standards (AS) shall apply. The applicable issue of other documents shall be as specified in AMS 2350.

2.1 SAE Publications: Available from Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, Pennsylvania 15096.

2.1.1 Aerospace Standards:

AS 478 - Identification Marking Methods

2.2 Government Publications: Available from Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, Pennsylvania 19120.

2.2.1 Military Standards:

MIL-STD-794 - Parts and Equipment, Procedures for Packaging and Packing of

3. TECHNICAL REQUIREMENTS:

3.1 Product Identification: Shall be as follows:

3.1.1 Sheet 8 In. (203 mm) and Over in Width:

3.1.1.1 Sheet Ordered to Specification: Shall be marked with the specification number and its revision letter if any, manufacturer's name or identification mark, compound or style number, date of cure unless not required by the applicable material specification, color if different from that required by the material specification, and nominal thickness.

3.1.1.2 Sheet Not Ordered to Specification: Shall be marked with the manufacturer's name or identification mark, compound or style number, date of cure, and nominal thickness.

3.1.2 Sheet Under 8 In. (203 mm) in Width, Strip, Extrusions, and Molded Tubes: Shall be marked with the information of 3.1.1 and the part or die number when applicable. Tubing shall also be marked with the nominal OD or ID, as ordered, and wall thickness.

3.1.3 Molded and Fabricated Parts: Shall be marked with the part number and change designation and the manufacturer's designation.

3.2 Marking Methods and Location:

Printed in U.S.A.

3.2.1 Sheet 8 In. (203 mm) and Over in Width: Shall be marked in accordance with AS 478, Method 30. The markings shall be applied in rows of recurring characters spaced not more than 5 in. (127 mm) apart, running either lengthwise or crosswise of the sheet, and on one face only. The characters shall be of such size as to be clearly legible and shall not be obliterated by normal handling.

3.2.2 Sheet Under 8 In. (203 mm) in Width, Strip, Extrusions, and Molded Tubes: Shall be marked in accordance with AS 478, Method 30. The markings shall appear in a row of characters recurring at intervals not greater than 3 ft (914 mm) or at each end of lengths shorter than 3 ft (914 mm). The characters shall be of such size as to be clearly legible and shall not be obliterated by normal handling.

3.2.3 Molded and Fabricated Parts: Shall be marked in accordance with AS 478, Method 30 except as specified in 3.2.3.1 and 3.2.3.2.

3.2.3.1 When the integral marking symbol of AS 478 appears on the drawing, parts shall be marked in accordance with AS 478, Method 1A.

3.2.3.2 If marking by AS 478, Method 30 is impracticable because of the size or shape of the part and marking by AS 478, Method 1A is not specified, parts shall be identified in accordance with AS 478, Method 37.

4. QUALITY ASSURANCE PROVISIONS: Not applicable.

5. PREPARATION FOR DELIVERY:

5.1 Packaging and Package Identification:

5.1.1 Packaging shall be accomplished in such a manner to ensure that the product, during shipment and storage, will be protected against damage from exposure to moisture, weather, or any normal hazard.

5.1.1.1 Elastomeric products subject to deterioration by environmental factors such as as ozone and light shall be packaged in materials which will not be degraded by, or permit transmission of, the environment to the product.

5.1.2 Each package shall be permanently and legibly marked to give the following information:

MATERIAL SPECIFICATION NUMBER (Including revision letter) (See 5.1.2.1) _____
PURCHASE ORDER NUMBER _____
PART NUMBER OR FORM (as applicable) _____
QUANTITY OF PARTS OR PIECES (as applicable) _____
MANUFACTURER'S NAME OR IDENTIFICATION MARK _____
COMPOUND OR STYLE NUMBER _____
DATE OF CURE (quarter and year, e.g. 3Q59) _____
DATE OF SHIPMENT (See 5.1.2.2) _____

5.1.2.1 Omit, when material is not ordered to specification

5.1.2.2 To be supplied only when date of cure is not required.

5.1.3 Packages shall be prepared for shipment in accordance with commercial practice to assure carrier acceptance and safe transportation to the point of delivery. Packaging shall conform to carrier rules and regulations applicable to the mode of transportation.