

(R) Identification and Packaging
Elastomeric Products

RATIONALE

AMS2810G is a Five Year Review and update of this specification.

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. AMS2817 covers preferred requirements for identification and packaging of preformed packings.

2. APPLICABLE DOCUMENTS

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been cancelled and no superseding document has been specified, the last published issue of that document shall apply.

2.1 SAE Publications

International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

ARP5316 Storage of Elastomer Seals and Seal Assemblies Which Include an Elastomer Element, Prior to Hardware Assembly
AS478 Identification Marking Methods

2.2 ASTM Publications

Available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, Tel: 610-832-9585, www.astm.org.

ASTM D 1418 Standard Practice for Rubber and Rubber Lattices – Nomenclature

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3. TECHNICAL REQUIREMENTS

3.1 Production Identification

Shall be as follows:

3.1.1 Sheet 8 Inches (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, 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 Inches (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, date of cure, and the manufacturer's designation.

3.2 Marking Methods and Location

3.2.1 Sheet 8 Inches (203 mm) and Over in Width

Shall be marked in accordance with AS478, Method 30. The markings shall be applied in rows of recurring characters spaced not more than 5 inches (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 legible and shall not be obliterated by normal handling.

3.2.2 Sheet Under 8 Inches (203 mm) in Width, Strip, Extrusions, and Molded Tubes

Shall be marked in accordance with AS478, Method 30. The markings shall appear in a row of characters recurring at intervals not greater than 3 feet (914 mm) or at each end of lengths shorter than 3 feet (914 mm). The characters shall be of such size as to be legible and shall not be obliterated by normal handling.

3.2.3 Molded and Fabricated Parts

Shall be marked in accordance with AS478, Method 30, except as specified in 3.2.3.1 and 3.2.3.2.

3.2.3.1 When the integral symbol of AS478 appears on the drawing, parts shall be marked in accordance with AS 478, Method 1A.

3.2.3.2 If marking by AS478, Method 30, is impracticable because of the size or shape of the part and marking by AS478, Method 1A, is not specified, parts shall be identified in accordance with AS478, Method 37.

4. QUALITY ASSURANCE PROVISIONS

Not applicable.

5. PREPARATION FOR DELIVERY

5.1 Packaging and Package Identification

5.1.1 The product shall be prepared for shipment in accordance with commercial practice and in compliance with applicable rules and regulations pertaining to the handling, packaging, and transportation of the product to ensure carrier acceptance and safe delivery. Packaging shall conform to carrier rules and regulations applicable to the mode of transportation.

5.1.1.1 Elastomeric products subject to deterioration by environmental factors, such 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 Unless otherwise specified in the Purchase Order, each package shall be permanently and legibly marked with not less than the following information:

MANUFACTURER'S NAME AND/OR IDENTIFICATION (CAGE CODE) – (This is the ID for the location where parts were manufactured.)

PART NAME

PART NUMBER OR FORM (as applicable)

AMS2810G

COMPOUND OR STYLE NUMBER

CURE DATE (QUARTER AND YEAR) AND BATCH NUMBER

QUANTITY OF PARTS OR PIECES (as applicable)

CUSTOMER'S PURCHASE ORDER NUMBER

PACKAGER AND PACKAGE DATE (MONTH AND YEAR) (If different than Manufacturer.)

MATERIAL CODE PER ASTM D 1418

SHELF LIFE PER ARP5316 (If required by Purchaser.)

5.1.3 The elastomer products shall be packed in cartons in such a manner that the products, during shipment and storage, will not be permanently distorted and will be protected against damage from exposure to weather or any other normal hazard. Unless otherwise specified in the Purchase Order, each carton shall be marked with not less than the following information:

AMS2810G

PART NUMBER

COMPOUND NUMBER

MANUFACTURER'S IDENTIFICATION

PURCHASE ORDER NUMBER

QUANTITY

DATE OF SHIPMENT