


# AERONAUTICAL MATERIAL SPECIFICATIONS

AMS 2810c

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Issued 11-1-44  
Revised 1-15-60

## IDENTIFICATION Natural and Synthetic Rubber Materials

1. PURPOSE: To provide requirements for the identification of sheet, strip, extrusions, and moldings made of natural rubber, synthetic rubber, reclaimed rubber stocks, and combinations of the above with other materials such as asbestos, cork, and fabrics.
2. REQUIREMENTS:
  - 2.1 Sheet 8 in. and Over in Width: Unless otherwise agreed upon by purchaser and vendor, each sheet 8 in. and over in width shall be marked to give the information of 2.1.1 or 2.1.2 as applicable. Markings shall be applied in rows of recurring characters spaced not over 5 in. apart, running either lengthwise or crosswise of the sheet, and on one face only. Characters shall be not less than 3/8 in. in height, shall be applied using a suitable marking fluid, shall be clearly legible, and shall not be obliterated by normal handling.
    - 2.1.1 Sheet Ordered to Specification: Shall be marked with manufacturer's name or identification mark, compound or style number, date of cure (unless not required by applicable specification) color (if different from color specified in applicable specification), specification number (including revision letter), and thickness.
    - 2.1.2 Sheet not Ordered to Specification: Shall be marked with manufacturer's name or identification mark, compound or style number, date of cure, and thickness.
  - 2.2 Sheet Under 8 In. in Width, Strip, Extrusions, and Molded Tubes: Unless otherwise agreed upon by purchaser and vendor, sheet under 8 in. in width, strip, extrusions, and molded tubes shall be marked with the information specified in 2.1, and the part or die number when applicable. Marking shall be of such height as to be clearly legible and shall appear consecutively every 3 ft along the length of the material or at each end of lengths shorter than 3 feet. Unless otherwise specified, tubing shall also be marked with OD or ID, as ordered, and wall thickness.
  - 2.3 Molded and Fabricated Parts: Shall be identified by placing the part number and change designation, and the manufacturer's designation on the surface of the part as indicated on the drawing using the methods specified in 2.1, except as specified in 2.3.1.
    - 2.3.1 When integral marking, either raised or depressed, is permitted or required, the symbol  will be used on the drawing to designate the area in which such marking shall appear. Marking shall be of such size as to be clearly legible.