

AERONAUTICAL MATERIAL SPECIFICATION

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Revised

IDENTIFICATION OF NATURAL AND SYNTHETIC RUBBER MATERIALS

1. **ACKNOWLEDGMENT:** A vendor shall mention this specification number in all quotations and when acknowledging purchase orders.
2. **PURPOSE:** This specification provides requirements for the identification of sheets, extrusions and moldings made of synthetic rubber, synthetic rubber cork composition, reclaimed rubber, and natural rubber stock.
3. **REQUIREMENTS:**
 - (a) **Sheet Stock.**- Unless otherwise agreed between purchaser and vendor, each sheet shall be marked with rows of constantly recurring symbols.
 - (1) For materials ordered per specification, the marking shall contain the following information: Manufacturer's identification, predominant polymer symbol, formula number, specification numbers and grade or type.
 - (2) For materials not ordered per specification, the marking shall contain the following information: Manufacturer's identification, predominant polymer symbol, formula number and nominal durometer hardness.
 - (3) The characters shall be applied in rows either lengthwise or crosswise of the sheet on one side only.
 - (4) The rows shall be spaced approximately 5 inches apart.
 - (5) The characters shall not be less than 3/8 inch in height.
 - (6) The characters shall be clearly legible, and shall be applied to the material by suitable means and suitable marking fluid, and shall not be obliterated by normal handling.
 - (b) **Extrusions and Molded Tubes.** Unless otherwise agreed between purchaser and vendor, extrusions and molded tubes, where the shape and nature of the parts permit, shall be marked recurrently with the information, including the part number, by the methods specified in Paragraph 3(a), excepting the characters shall be of such height as to be clearly legible, and shall not become obliterated by normal handling.
 - (c) **Molded and Fabricated Parts and Strips Cut from Sheet.**- Molded and fabricated parts and strips cut from sheet shall be identified by placing the accordant part number and the manufacturer's identification on the surface of the part as indicated on the drawing. The characters shall be of such height as to be clearly legible and shall not become obliterated by normal handling.
 - (d) Where the shape and nature of the material does not permit the above markings, the identification shall appear on the package as specified in (e).