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STANDARD

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Standard Specification for RUBBERIZED CURLED HAIR¹

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* NOTE—The heading of section 2 was changed editorially in November 1980.

1. Scope

1.1 This specification applies to rubberized curled hair cushioning materials for upholstery and bedding applications.

1.2 Molded types of rubberized curled hair and all nonanimal-hair cushioning materials or blends containing vegetable fibers are excluded from this specification.

1.3 In case of conflict between the provisions of this specification and those of other detailed specifications or test methods for this particular product, the latter shall take precedence.

2. Description of Terms

2.1 *Curled animal hair*—new, clean sterilized hog, cattle tail, horse mane, horse-tail hair, or any combination thereof that has been suitably processed to impart a permanent tight curl.

2.2 *Rubber*—a suitable type of natural, synthetic, or reclaim latex or any combination thereof, with added compounding ingredients of such nature and quality that will allow the finished product to comply with this specification.

3. Grades

3.1 Rubberized curled hair shall have its grades designated by first a number and then a letter as follows:

3.1.1 The number shall designate the thickness as follows:

- 75 = 19 mm (¾ in.)
- 100 = 25 mm (1 in.)
- 150 = 38 mm (1½ in.)
- 200 = 50 mm (2 in.)

3.1.2 The letter shall designate the degree of firmness as follows:

- S = soft
- M = medium
- MF = medium firm
- F = firm
- D = deluxe (light density-super soft)

4. Materials and Manufacture

4.1 Rubberized curled hair furnished under this specification shall be manufactured from curled animal hair fibers that have been bonded with rubber and properly vulcanized to form sheets or rolls.

4.2 In permitting choice in the use of these materials by the manufacturer, it is not intended to imply that the different types of hair and rubber are equivalent in respect to all physical properties. Any special characteristics other than those prescribed in this specification which may be desired for specific applications shall be specified in the product specifications, as they may influence the choice of the kind of hair or rubber or other ingredients used.

5. Physical Requirements

5.1 Test specimens for the various grades shall conform to the requirements prescribed in Table 1.

6. Color

6.1 Unless otherwise specified, the color of rubberized curled hair shall be optional with the manufacturer.

¹ This specification is under the jurisdiction of ASTM Committee D-11 on Rubber and is the direct responsibility of Subcommittee D11.33 on Flexible Cellular Materials.

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