



# Standard Specification for Labeling for Wet Mops for Consumer and Institutional Use<sup>1</sup>

This standard is issued under the fixed designation F2368; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

## 1. Scope

1.1 This specification establishes uniform labeling criteria and package requirements for wet mops for household and institutional use. This standard does not apply to dry mops (that is, dust mops).

1.2 The values stated in inch-pound units are to be regarded as standard. No other units of measurement are included in this standard.

1.3 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use.*

## 2. Referenced Documents

- 2.1 *ASTM Standards*:<sup>2</sup>  
[D629 Test Methods for Quantitative Analysis of Textiles](#)

## 3. Significance and Use

3.1 Information on the wording of the labels that appear on the wet mops will help to ensure that accurate information on material content is presented to the consumer.

## 4. Terminology

### 4.1 Definitions of Terms Specific to This Standard:

- 4.1.1 *cotton*—virgin or reprocessed natural cotton fiber.
- 4.1.2 *filament yarn*—strand formed from multiple, continuous lengths of man-made fibers.
- 4.1.3 *rayon*—man-made fiber extruded from regenerated cellulose.
- 4.1.4 *spun yarn*—strand formed from multiple, discrete lengths of man-made or natural fibers, or both.

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<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

4.1.5 *synthetic*—man-made fiber extruded from long-chain polymers (that is, polyester, nylon, polypropylene).

4.1.6 *wet mop*—a mop constructed from strands or strips of textile material (which could include spun yarn, filament yarn, non-woven fabric, and strips of knitted or woven fabric) designed for wet mopping.

## 5. Classification

5.1 Mops shall be classified and labeled according to material content:

- 5.1.1 *Cotton Mop*—Content is 80 % or more cotton.
- 5.1.2 *Rayon Mop*—Constructed with yarn composed of 100 % man-made fibers with a minimum 50 % of the fiber content composed of rayon fibers.
- 5.1.3 *Blend Mop*—Content is a mixture of cotton, rayon and synthetic fibers where the cotton content is less than 80 % and the rayon content is less than 50 %.
- 5.1.4 *Synthetic Mop*—Content is 100 % man-made fibers.

## 6. Requirements

### 6.1 General:

- 6.1.1 The required label shall be intact and on the mop or included with the printed packaging for each individual mop at the time it is sold.
- 6.1.2 If attached to the mop, the label shall be located in an area generally not in contact with the surface to be cleaned.
- 6.1.3 The label, when placed on the container, shall not thereafter be covered, obstructed, or removed by distributors or retailers.
- 6.1.4 The true weight in ounces shall appear on every mop label. The actual weight, as determined by Testing Procedure 7.2.1, shall not be more than one ounce lower than the stated weight.
- 6.1.5 The classification as defined in Section 5 shall appear on every mop label (that is, “cotton,” “rayon,” “blend,” or “synthetic” mop).

6.1.6 Products complying with all the requirements of this provisional standard shall include “Meets ASTM F2368” or equivalent.

6.1.7 There is no specified label format, only the information defined above is required.

## 7. Testing Procedures

### 7.1 Blend Classification:

7.1.1 In order to determine the classification of a mop regarding fiber blend content, a quantitative chemical analysis must be performed on a sample of mop strands.

7.1.2 Use Test Methods **D629** or equivalent.

7.1.3 Three separate lots, or strands of the mop, shall be tested individually.

7.1.4 Fiber content testing for classification purposes will consist of three test lots. Classification will be determined using the average fiber content analysis for the three sample lots. Recognizing the inherent variability in fibers used in mop yarn, namely textile by-products, a tolerance of 10 % variation will be allowable in determining the classification of the subject mop.

## 7.2 Mop Weight Requirement:

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7.2.1 Mops shall be weighed on a scale with demonstrated repeated accuracy of 0.10 oz.

7.2.2 For mops that are detached from the handle or stick, the weight shall include the entire article which may include fabrics, plastic and metallic connectors permanently attached to the mop strands.

7.2.3 For mops that have the strands permanently attached to the handle or stick, the strands of textile material must be removed and weighed separately from the handle and hardware attachment.

7.2.4 The weight meeting the requirement in **6.1.4** shall be defined as the average of twelve individual mop weighings.

## 8. Keywords

8.1 consumer products; labeling; mops