



Designation: F 1859 – 00

Standard Specification for Rubber Sheet Floor Covering Without Backing¹

This standard is issued under the fixed designation F 1859; 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 (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers the requirements for the compound and physical characteristics of rubber sheet floor covering without backing.

1.2 The values stated in inch-pound units are to be regarded as the standard. The SI units given in parentheses are for information only.

1.3 The following precautionary statement pertains only to the test method portion, Section 10, of this specification: *This standard does not purport to address all 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 limitations prior to use.*

2. Referenced Documents

2.1 The following documents of the issue in effect on the date of the material purchase form a part of this specification to the extent referenced herein:

2.2 ASTM Standards:

D 412 Test Method for Rubber Properties in Tension²

D 883 Terminology Relating to Plastics³

D 1566 Terminology Relating to Rubber²

D 2240 Test Method for Rubber Property—Durometer Hardness²

F 141 Terminology Relating to Resilient Floor Coverings⁴

F 386 Test Method for Thickness of Resilient Flooring Having Flat Surfaces⁴

F 410 Test Method for Wear Layer Thickness of Resilient Floor Coverings by Optical Measurement⁴

F 710 Practice for Preparing Concrete Floors and Other Monolithic Floors to Receive Resilient Flooring⁴

F 925 Test Method for Resistance to Chemicals of Resilient Flooring⁴

F 970 Test Method for Static Load Limit⁴

F 1482 Guide for Wood Underlayment Products Available for Use Under Resilient Flooring⁴

F 1514 Test Method for Measuring Heat Stability of Resilient Vinyl Flooring by Color Change⁴

F 1515 Test Method for Measuring Light Stability of Resilient Vinyl Flooring by Color Change⁴

2.3 ANSI Standard:

ANSI/ASQC Z1.4-1993 Sampling Procedures and Tables for Inspection by Attributes⁵

3. Terminology

3.1 *Definitions*—For definitions of other terms used in this standard, see Terminology F 141.

4. Classification

4.1 Rubber sheet floor covering covered by this specification shall conform to the following types:

4.1.1 *Type I*—Homogeneous rubber sheet floor covering, and

4.1.2 *Type II*—Layered rubber sheet floor covering.

4.2 The above may have either smooth, embossed, or molded pattern surfaces.

4.3 These products shall not contain asbestos.

5. Ordering Information

5.1 Purchasers shall state whether this specification is to be used, select the preferred options permitted herein and include the following information in the invitation to bid or purchase order:

5.1.1 Title, number, and date of this specification,

5.1.2 Type, color, and surface (see Section 4 and Section 6),

5.1.3 Quantity, in square feet, square yards, or square metres,

5.1.4 Thickness required. (see Section 8),

5.1.5 Overall thickness, if molded pattern sheet flooring is specified (see 8.1),

5.1.6 Width required (see 8.4),

5.1.7 Length required (see 8.5),

5.1.8 Resistance to chemicals, (see 7.4),

5.1.9 Lot information, if other than as specified in ANSI/ASQC Z1.4-1993 (see 10.1 and 11.1),

5.1.10 Sampling, if other than as specified in ANSI/ASQC Z1.4-1993 (see 10.1 and 11.1),

5.1.11 Statement requesting certification, if certification of

¹ This specification is under the jurisdiction of ASTM Committee F-6 on Resilient Floor Coverings and is the direct responsibility of Subcommittee F06.80 on Specifications.

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² *Annual Book of ASTM Standards*, Vol 09.01.

³ *Annual Book of ASTM Standards*, Vol 08.01.

⁴ *Annual Book of ASTM Standards*, Vol 15.04.

⁵ Available from American National Standards Institute, 11 West 42nd Street, New York, NY 10036.