



Standard Specification for Vinyl Composition Floor Tile¹

This standard is issued under the fixed designation F 1066; 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.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope

1.1 This specification covers vinyl composition tile (VCT) with either smooth or embossed surfaces for flooring application.

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

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 limitations prior to use.*

2. Referenced Documents

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

2.2 ASTM Standards:

F 386 Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces²

F 536 Test Method for Size of Resilient Floor Tile by Dial Gage Method²

F 540 Test Method for Squareness of Resilient Floor Tile by Dial Gage Method²

F 925 Test Method for Resistance to Chemicals of Resilient Flooring²

F 1265 Test Method for Resistance to Impact for Resilient Floor Tile²

F 1304 Test Method for Deflection of Resilient Floor Tile²

F 1514 Test Method for Measuring Heat Stability of Resilient Vinyl Flooring by Color Change²

F 1914 Test Method for Short-Term Indentation and Residual Indentation of Resilient Floor Covering²

2.3 Other Standards:

Fed. Std. No. 501a, Method 6211³

ANSI/ASQC Z1.4–1993 Sampling Procedures and Tables for Inspection by Attributes⁴

3. Classification

3.1 The vinyl composition floor tile covered by this specification shall be non-asbestos formulated and classified as follows: Class 1 for solid tile, Class 2 for through pattern tile, and Class 3 for surface pattern tile. These may have either smooth or embossed wearing surfaces.

4. Ordering Information

4.1 The purchaser 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 and purchase order:

4.1.1 Title, number, and date of this specification,

4.1.2 Class, color, pattern, and wearing surface, (see Section 3),

4.1.3 Quantity in square feet or cartons,

4.1.4 Size required, (see 6.1),

4.1.5 Thickness required (see 6.2),

4.1.6 Lot formation if other than as specified in ANSI/ASQC Z1.4–1993 (see Sections 11 and 13),

4.1.7 Sampling, if other than as specified in ANSI/ASQC Z1.4–1993 (see Sections 11 and 13),

4.1.8 Packing requirements if other than as specified (see 15.1),

4.1.9 Depth of depressed areas, if required,

4.1.10 Palletization, if required (agreed upon between the manufacturer and the purchaser),

4.1.11 Marking, if other than specified (agreed upon between the manufacturer and the purchaser), (see 14.1), and

4.1.12 Other requirements (agreed upon between the manufacturer and the purchaser).

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 15.04.

³ Available from Standardization Documents Order Desk, Bldg. 4 Section D, 700 Robbins Ave., Philadelphia, PA 19111-5094, Attn: NPODS.

⁴ Available from American National Standards Institute, 11 West 42nd St., New York, NY 10036.