



Designation: F 410 – 9502

Standard Test Method for Wear Layer Thickness of Resilient Floor Coverings by Optical Measurement¹

This standard is issued under the fixed designation F 410; 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 test method covers the determination of the thickness of the wear layer of resilient non-textile floor coverings, in tile or sheet form, with or without felt backing or foam layer, by optical measurement.

1.2 This test method is applicable for wear layers with a minimum thickness of 0.0004 in. (0.01 mm) to a maximum thickness of 0.1 in. (2.54 mm), where measurements within 0.0001 in. or 0.0025 mm are tolerable.

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

1.4 *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. Significance and Use

~~2.1 This test method is applicable~~ Referenced Documents

2.1 ASTM Standards:

~~E 691 Practice for wear layers with a minimum thickness of 0.001 in. (0.02 mm)~~ Conducting an Interlaboratory Study to a

¹ This test method is under the jurisdiction of ASTM Committee ~~F-6~~ F06 on Resilient Floor Coverings and is the direct responsibility of Subcommittee F06.20 on ~~Specialty Resilient Flooring for Human Fatigue and Injury Reduction~~ Test Methods - Products Construction/Materials.

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