



Designation: F 137 – 01~~3~~

Standard Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus¹

This standard is issued under the fixed designation F 137; 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 flexibility of resilient flooring materials by means of cylindrical mandrel apparatus. It is especially applicable to sheet goods and some tiles.

1.2 The values stated in inch-pound units are to be regarded as 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 to determine the applicability of regulatory limitations prior to use.*

2. Significance and Use

2.1 Flexibility is that property of a material which allows it to be deformed by bending or rolling without cracking, breaking, or other permanent defects, using whatever force is necessary to bend or roll it. Flexibility is

2.1 ASTM Standards:

E 691 Practice for Conducting an important characteristic Interlaboratory Study to Determine the Precision of flooring in that

¹ This test method is under the jurisdiction of ASTM Committee F06 on Resilient Floor Coverings and is the direct responsibility of Subcommittee F06.20 on Test Methods - Products Construction/Materials.

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