



## Standard Practice for Laboratories Engaged in Testing of Building Sealants<sup>1</sup>

This standard is issued under the fixed designation C 1021; 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 practice describes the qualifications, including minimum requirements for personnel and equipment, duties, responsibilities, and services of independent commercial materials testing laboratories engaged in the testing of caulking and sealants used in building construction.

1.2 *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.*

NOTE 1—There is no similar or equivalent ISO standard.

### 2. Referenced Documents

#### 2.1 ASTM Standards:

- C 510 Test Method for Staining and Color Change of Single- or Multicomponent Joint Sealants<sup>2</sup>
- C 570 Specification for Oil- and Resin-Base Caulking Compound for Building Construction<sup>2</sup>
- C 603 Test Method for Extrusion Rate and Application Life of Elastomeric Sealants<sup>2</sup>
- C 639 Test Method for Rheological (Flow) Properties of Elastomeric Sealants<sup>2</sup>
- C 661 Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer<sup>2</sup>
- C 669 Specification for Glazing Compounds for Back Bedding and Face Glazing of Metal Sash<sup>2</sup>
- C 679 Test Method for Tack-Free Time of Elastomeric Sealants<sup>2</sup>
- C 681 Test Method for Volatility of Oil- and Resin-Based, Knife-Grade, Channel Glazing Compounds<sup>2</sup>
- C 711 Test Method for Low-Temperature Flexibility and Tenacity of One-Part, Elastomeric, Solvent-Release Type Sealants<sup>2</sup>
- C 712 Test Method for Bubbling of One-Part, Elastomeric, Solvent-Release Type Sealants<sup>2</sup>
- C 713 Test Method for Slump of an Oil-Base Knife-Grade Channel Glazing Compound<sup>2</sup>
- C 717 Terminology of Building Seals and Sealants<sup>2</sup>

- C 718 Test Method for Ultraviolet (UV)-Cold Box Exposure of One-Part, Elastomeric, Solvent-Release Type Sealants<sup>2</sup>
- C 719 Test Method for Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle)<sup>2</sup>
- C 731 Test Method for Extrudability, After Package Aging, of Latex Sealants<sup>2</sup>
- C 732 Test Method for Aging Effects of Artificial Weathering on Latex Sealants<sup>2</sup>
- C 733 Test Method for Volume Shrinkage of Latex Sealants<sup>2</sup>
- C 734 Test Method for Low-Temperature Flexibility of Latex Sealants After Artificial Weathering<sup>2</sup>
- C 736 Test Method for Extension-Recovery and Adhesion of Latex Sealants<sup>2</sup>
- C 741 Test Method for Accelerated Aging of Wood Sash Face Glazing Compound<sup>2</sup>
- C 742 Test Method for Degree of Set for Wood Sash Glazing Compound<sup>2</sup>
- C 792 Test Method for Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants<sup>2</sup>
- C 793 Test Method for Effects of Accelerated Weathering on Elastomeric Joint Sealants<sup>2</sup>
- C 794 Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants<sup>2</sup>
- C 834 Specification for Latex Sealants<sup>2</sup>
- C 910 Test Method for Bond and Cohesion of One-Part Elastomeric Solvent Release-Type Sealants<sup>2</sup>
- C 920 Specification for Elastomeric Joint Sealants<sup>2</sup>
- C 1085 Specification for Butyl Rubber Based Solvent-Release Sealants<sup>2</sup>
- C 1183 Test Method for Extrusion Rate of Elastomeric Sealants<sup>2</sup>
- C 1216 Test Method for Adhesion and Cohesion of One-Part Elastomeric Solvent Release Sealants<sup>2</sup>
- C 1241 Test Method for Volume Shrinkage of Latex Sealants During Cure<sup>2</sup>
- C 1246 Test Method for Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants After Cure<sup>2</sup>
- C 1247 Test Method for Durability of Sealants Exposed to Continuous Immersion in Liquids<sup>2</sup>
- C 1248 Test Method for Staining of Porous Substrate by Joint Sealants<sup>2</sup>

<sup>1</sup> This practice is under the jurisdiction of ASTM Committee C-24 on Building Seals and Sealants and is the direct responsibility of Subcommittee C24.20 on General Sealant Standards.

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<sup>2</sup> *Annual Book of ASTM Standards*, Vol 04.07.