



Standard Specification for Insulating Covers on Accessible Lavatory Piping¹

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1. Scope

1.1 This specification covers insulating covers for use on exposed drain and water supply piping under accessible lavatories and sinks. The insulating covers shall have thermal insulating properties to protect people with disabilities from burns and physical harm from contact with exposed water supply and waste piping under accessible lavatories and sinks. Insulating covers shall be removable and reusable.

1.2 Included are criteria for classifying removable and reusable protective covers on exposed drain and water supply piping under lavatories and sinks and requirements and test methods for materials and workmanship. Methods of marking are also given.

1.3 The products covered by this specification are intended for use on water supply and drain or waste piping under lavatories and sinks only.

1.4 The values stated in inch-pound units shall be regarded as the standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.5 This specification does not establish the criteria required in the design of the equipment over which removable insulating covers are used, nor does this specification establish or recommend the applicability of removable insulating covers over all surfaces.

1.6 This standard does not apply to shrouds under lavatories and sinks.

1.7 *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.*

¹ This specification is under the jurisdiction of ASTM Committee C16 on Thermal Insulation and is the direct responsibility of Subcommittee C16.40 on Insulation Systems.

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2. Referenced Documents

2.1 ASTM Standards:²

C168 Terminology Relating to Thermal Insulation

C177 Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus

C1045 Practice for Calculating Thermal Transmission Properties Under Steady-State Conditions

D570 Test Method for Water Absorption of Plastics

D635 Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position

E84 Test Method for Surface Burning Characteristics of Building Materials

G21 Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

2.2 Department of Justice Document:³

2010 Americans with Disabilities Act Standard for Accessible Design Section 606.5

2.3 ICC/ANSI Standard:⁴

A117.1 Standard for Accessible and Usable Buildings and Facilities, Section 606.6

2.4 ASME Standard:⁵

A112 18.9 Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures

3. Terminology

3.1 For definitions of terms used in this specification, refer to Terminology C168.

3.2 Definitions of Terms Specific to This Standard:

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ Available from the U.S. Department of Justice, 950 Pennsylvania Ave., NW Washington, DC, 20530-0001, www.ada.gov.

⁴ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.

⁵ Available from American Society of Mechanical Engineers (ASME), ASME International Headquarters, Two Park Ave., New York, NY 10016-5990, <http://www.asme.org>.