

IAPMO PS 54-2015

Metallic and Plastic Utility Boxes



IAPMO Standard

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Published: November 2015

Previous editions: August 2014, May 2014, July 2011, April 2011, 2010, 2006, 2003, 2001, 2000, 1999, 1995

Published by

International Association of Plumbing and Mechanical Officials (IAPMO)

5001 East Philadelphia Street, Ontario, California, 91761, USA

1-800-854-2766 • 1-909-472-4100

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Metallic and Plastic Utility Boxes

1 Scope

1.1 Scope

This Standard covers utility boxes intended for plumbing applications (e.g., washing machines, ice makers, tubs, gas appliances, and air admittance valves) and made of

- (a) acrylonitrile-butadiene-styrene (ABS);
- (b) polystyrene (PS);
- (c) polyvinylchloride (PVC);
- (d) steel; or
- (e) a combination of the materials listed in Items (a) to (d).

This Standard specifies requirements for materials, physical characteristics, performance tests, and markings.

1.2 Alternative Materials

The requirements of this Standard are not intended to prevent the use of alternative materials or methods of construction provided such alternatives meet the intent and requirements of this Standard.

1.3 Terminology

In this Standard,

- (a) "shall" is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the Standard;
- (b) "should" is used to express a recommendation, but not a requirement;
- (c) "may" is used to express an option or something permissible within the scope of the Standard; and
- (d) "can" is used to express a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.

1.4 Units of Measurement

SI units are the primary units of record in global commerce. In this Standard, the inch/pound units are shown in parentheses. The values stated in each measurement system are equivalent in application, but each unit system is to be used independently. All references to gallons are to U.S. gallons.

1.5 Amendments

Proposals for amendments to this Standard will be processed in accordance with the standards-writing procedures of IAPMO.