



**ASME A112.18.6-2009/
CSA B125.6-09**

Flexible water connectors



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Preface

This is the first edition of ASME A112.18.6/CSA B125.6, *Flexible water connectors*.

This Standard replaces ASME A112.18.6-2003, *Flexible Water Connectors*.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the ASME/CSA Joint Harmonization Task Group on Plumbing Fittings, under the jurisdiction of ASME Standards Committee on Plumbing Materials and Equipment and the CSA Technical Committee on Plumbing Fittings. The CSA Technical Committee operates under the jurisdiction of the CSA Strategic Steering Committee on Water Management Products, Materials, and Systems. This Standard has been formally approved by the ASME Standards Committee and the CSA Technical Committee. This Standard was approved as an American National Standard by the American National Standards Institute on July 10, 2009, and will be submitted to the Standards Council of Canada for approval as a National Standard of Canada.

July 2009

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- (2) Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.

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ASME A112.18.6-2009/CSA B125.6-09

Flexible water connectors

1 Scope

1.1

This Standard covers flexible water connectors for use in water supply systems under

- (a) continuous pressure in accessible locations; and
- (b) intermittent pressure in recreational vehicles only.

1.2

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation of that which is advised but not required; “may” is used to express an option or that which is permissible within the limits of the standard; and “can” is used to express possibility or capability. Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material. Notes to tables and figures are considered part of the table or figure and may be written as requirements. Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.

1.3

SI units are the units of record in Canada. In this Standard, the yard/pound units are shown in parentheses. The values stated in each measurement system are equivalent in application; however, each system is to be used independently. Combining values from the two measurement systems can result in non-conformance with this Standard.

All references to gallons are to U.S. gallons.

For information on the conversion criteria used in this Standard, see [Annex B](#).

2 Reference publications

This Standard refers to the following publications, and where such reference is made, it shall be to the edition listed below, including all amendments published thereto.

ASME (The American Society of Mechanical Engineers)

A112.19.5-2005

Trim for Water-Closet Bowls, Tanks, and Urinals

B1.20.1-1983 (R2006)

Pipe Threads, General Purpose, Inch

B1.20.5-1996 (R2003)

Dryseal Pipe Threads, Inch

B1.20.7-1991 (R2003)

Close Coupling Screw Threads, Inch

B16.18-2001 (R2005)

Cast Copper Alloy Solder Joint Pressure Fittings