

# Thermoplastic nonpressure piping compendium



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# Preface

This is the fourth edition in the form of a compendium of the CSA B181 and CSA B182 series of Standards, published as CSA B1800, *Thermoplastic nonpressure piping compendium*. It supersedes the previous editions of the compendium, published in 2006 under the same title, and published in 2002 and 1999 under the title *Plastic nonpressure pipe compendium*. It consists of the following Standards:

- the second edition of CSA B181.0, *Definitions, general requirements, and methods of testing for thermoplastic nonpressure piping*, which supersedes the previous edition published in 2006;
- the ninth edition of CSA B181.1, *Acrylonitrile-butadiene-styrene (ABS) drain, waste, and vent pipe and pipe fittings*, which supersedes editions published in 2006 under the same title, and published in 2002, 1999, 1996, 1990, 1985, 1973, and 1967 under the title *ABS drain, waste, and vent pipe and pipe fittings*;
- the tenth edition of CSA B181.2, *Polyvinylchloride (PVC) and chlorinated polyvinylchloride (CPVC) drain, waste, and vent pipe and pipe fittings*, which supersedes editions published in 2006 under the same title, and published in 2002, 1999, 1996, 1990, 1987, 1985, 1973, and 1967 under the title *PVC drain, waste, and vent pipe and pipe fittings*;
- the sixth edition of CSA B181.3, *Polyolefin and polyvinylidene fluoride (PVDF) laboratory drainage systems*, which supersedes editions published in 2006 under the same title, and published in 2002, 1999, 1986, and 1971 under the title *Polyolefin laboratory drainage systems*;
- the sixth edition of CSA B181.5, *Coextruded acrylonitrile-butadiene-styrene/polyvinylchloride (ABS/PVC) drain, waste, and vent pipe*, which supersedes editions published in 2006 under the same title, and published in 2002, 1999, 1995, and 1994 under the title *Coextruded ABS/PVC drain, waste, and vent pipe*;
- the tenth edition of CSA B182.1, *Plastic drain and sewer pipe and pipe fittings*, which supersedes editions published in 2006, 2002, 1999, 1996, 1992, 1987, 1983, 1977, and 1967;
- the seventh edition of CSA B182.2, *PSM type polyvinylchloride (PVC) sewer pipe and fittings*, which supersedes editions published in 2006 under the same title, and published in 2002, 1999, 1995, 1990, and 1983 under the title *PVC sewer pipe and fittings (PSM type)*;
- the eighth edition of CSA B182.4, *Profile polyvinylchloride (PVC) sewer pipe and fittings*, which supersedes editions published in 2006 under the same title, and published in 2002, 1999, 1997, 1992, 1990, and 1983 under the title *Profile PVC sewer pipe and fittings*;
- the fifth edition of CSA B182.6, *Profile polyethylene (PE) sewer pipe and fittings for leak-proof sewer applications*, which supersedes editions published in 2006 under the same title, and published in 2002, 1999, and 1992 under the title *Profile polyethylene sewer pipe and fittings for leak-proof sewer applications*;
- the third edition of CSA B182.8, *Profile polyethylene (PE) storm sewer and drainage pipe and fittings*, which supersedes editions published in 2006 under the same title, and published in 2002 under the title *Profile polyethylene storm sewer and drainage pipe and fittings*;
- the sixth edition of CSA B182.11, *Standard practice for the installation of thermoplastic drain, storm, and sewer pipe and fittings*, which supersedes editions published in 2006 under the same title, and published in 2002, 1999, 1995, and 1967 under the title *Recommended practice for the installation of thermoplastic drain, storm, and sewer pipe and fittings*; and
- the first edition of CSA B182.13, *Profile polypropylene (PP) sewer pipe and fittings for leak-proof sewer applications*.

CSA B182.7, *PSM type multilayer polyvinylchloride (PVC) sewer pipe having reprocessed-recycled content*, published in 2006, 2002, 1999, and 1997, was withdrawn in October 2007 and is no longer part of the compendium.

At the time of publication, CSA B182.14, *Profile steel reinforced polyethylene (SRPE) sewer pipe and fittings*, is under development. It will form part of the B1800 series of Standards.

These Standards are considered suitable for use for conformity assessment within the stated scopes of the Standards.

These Standards were prepared by the Technical Committee on Plastic Nonpressure Piping, under the jurisdiction of the Strategic Steering Committee on Water Management Products, Materials, and Systems, and have been formally approved by the Technical Committee.

February 2011

**Notes:**

- (1) Use of the singular does not exclude the plural (and vice versa) when the sense allows.
- (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.
- (3) This publication was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this publication.
- (4) To submit a request for interpretation of CSA Standards, please send the following information to [inquiries@csa.ca](mailto:inquiries@csa.ca) and include “Request for interpretation” in the subject line:
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