

**Summary of Significant Changes
between the 2002 editions of
CSA B181.1 “ABS Drain, Waste, and Vent Pipe and Pipe Fittings”
and
CSA B181.2 “PVC Drain, Waste, and Vent Pipe and Pipe Fittings”
and the 2011 editions of
CSA B181.0 “Definitions, general requirements, and methods of testing for
thermoplastic non-pressure piping”,
CSA B181.1 “Acrylonitrile-butadiene-styrene (ABS) drain, waste, and vent pipe
and pipe fittings”,
and
CSA B181.2 “Polyvinylchloride (PVC) and chlorinated polyvinylchloride (CPVC)
drain, waste, and vent pipe and pipe fittings”**

General: Common requirements across the standards of the CSA B1800 Compendium were brought together (moved into) in the new CSA B181.0 standard. In addition, the text for some requirements that were previously referenced was now spelled out in CSA B181.0. In addition, several new generic requirements for reworked and recycled materials were added, as well as requirements for a new type of backwater valves, expanding the scope. New conditioning requirements for the impact resistance test were specified.

Clauses 2 and 3: All publications referenced and all definitions used in the B1800 compendium standards are now listed in CSA B181.0.

Clause 4: Material requirements: General requirements for new, reworked, and recycled materials were added under Clauses 4.1.1, 4.1.3, and 4.1.4.

Clause 4.3: The environmental stress cracking resistance test was added.

Clause 4.4: UV resistance requirements were added.

Clause 5.6.1: requirements for a new Type IV backwater valve were added.

Clause 6.1.2: conditioning requirements for the impact resistance test were added.

Clause 6.12.1.3: failure criteria for backwater valve tests were specified.

Clause 6.13: the test time for the elastomeric end closure test was reduced from ~~30 days~~ to 30 min.

Clause 6.17: apparent tensile properties wording was added (not previously spelled out)

Clause 7: marking requirements were revised, mostly to bring them closer to the marking requirements for pressure pipe in the CSA B137 Series.

CSA B181.2: Requirements for twin-tee fittings and for CPVC to PVC solvent cement were added.