



**Summary of Substantive Changes
between the 2013 and the 2018 editions of
ASTM C700 “Vitrified Clay Pipe, Extra Strength, Standard Strength, and
Perforated”**

Presented to the IAPMO Standards Review Committee on May 6, 2019

General: The changes to this standard should not have an impact on currently listed products. The changes are:

- Reworded some requirements for acid resistance and clarified ASTM C301 as the reference to this test method (see Section 5.3)
- Added a statement regarding the standards development in accordance with internationally recognized principles (see Section 1.4).

Section 1, Scope: Added a statement regarding the standards development in accordance with internationally recognized principles as follows:

1.4 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

Section 5.3, Acid Resistance: clarified the test method to reference ASTM C301 and clarified the performance requirements for acid resistance as follows:

5.3.1 This test is used to determine the resistance of pipe to the action of acids encountered in sanitary sewers. ~~The~~ Test results shall be ~~performed only~~ provided when ~~specified~~ requested.

5.3.2 ~~The pipe of each size and shipment shall be acceptable if the acid-soluble matter, from specimens representing such pipe, does not exceed 0.25 %.~~ Test specimens shall be representative of the material of the pipe supplied.

5.3.3 The loss of material from the test specimen shall not exceed 0.25%.

5.3.4 The test shall be in accordance with Test Methods C301.

~~5.3.3~~ 5.3.5 If any of the test specimens fail to meet the acid resistance requirements, ~~a retest,~~ representative of the original material lot, in that particular acid will be allowed and the manufacturer will be allowed to a retest two additional specimens. The pipe ~~accepted as provided in 5.1.3~~ will be acceptable if all retest specimens meet the test requirements.