



**Summary of Substantive Changes  
between the 2008 and the 2014 editions of  
ASTM D3034 “Type PSM Poly(Vinyl Chloride) (PVC)  
Sewer Pipe and Fittings”**

**Presented to the IAPMO Standards Review Committee on April 7, 2014**

**General: General:** The changes to this standard might have an impact on currently listed products. The substantive change is:

- Revised the allowable minimum inside diameter of fabricated fittings (see Section 7.4.2.5 and Table 5)
- Added additional requirements for welds and solvent cement joints (see Section 7.4.2.6)
- Added the requirement to mark the insertion depth on gasketed pipe (see Section 12.1.6)

Section 7.3.3 Wall Thickness of Molded Fittings: Included the following clarification of the wall thickness requirement in the body of the standard. The clarification was formerly an informational footnote in Table 1:

*7.3.3.2 The wall thickness is a minimum value except that a  $\pm 10\%$  variation resulting from core shift is allowable. In such a case, the average of two opposite wall thicknesses shall equal or exceed the value shown in Table 1.*

Section 7.4.2, Fabricated Fittings General Requirements: Changed the reference from Table X.1.1 to Table 5 which revised the allowable minimum inside diameter of fabricated fittings. And, added additional requirements for welds and solvent cement joints as follows:

*7.4.2.5 No fabricated fitting shall have an inside diameter dimension smaller than the value shown in Table 5~~base inside diameter listed in Table X1.1~~ for that pipe size and DR for which it is designed.*

*7.4.2.6 All welds and solvent cement joints shall be ~~sound and~~ free of visible defects and shall have full surface-to-surface contact when visually inspected. The full surface-to-surface contact of socket and spigot does not apply in the areas where a taper, chamfer, or radius exists at the socket entrance.*

Section 8, Test Methods: Sections 7.4.3 through 7.4.4 were moved to New Section 8.11 and former informational Notes 6 and 7 were incorporated as requirements in the standard.

Section 12, Marking: Added the requirement to mark the insertion depth on gasketed pipe as follows: *12.1.6 Gasketed pipe shall be marked with an insertion depth mark on the spigot end.*

Table 5, Minimum Inside Diameter of Fabricated Fittings: Added new table to specify the minimum inside diameter of fabricated fittings.