



**Summary of Substantive Changes
between the 2012 and the 2014 editions of
ASTM C1277, “Shielded Couplings Joining Hubless Cast Iron Soil Pipe and
Fittings”**

Presented to the IAPMO Standards Review Committee on August 12, 2014

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

- Revised the allowable tolerances for the outside diameter of the hubless pipe and fittings used in the unrestrained hydrostatic test: (see Table 4)

Table 4, Dimensions and Tolerances for Hubless Pipe and Fittings: Changed the allowable tolerances for NPS 8, 12 and 15 pipe and fittings used in the test assembly for the Unrestrained Hydrostatic Test as follows:

Table 4, Dimensions and Tolerances for Hubless Pipe and Fittings	
Size, in. (mm)	Outside Diameter, in. (mm)
1 1/2 (38)	1.90 ± 0.06 (48.26 ± 1.52)
2 (51)	2.35 ± 0.09 (59.69 ± 2.29)
3 (76.2)	3.35 ± 0.09 (85.09 ± 2.29)
4 (102)	4.38 + 0.09/-0.05 (111.25 + 2.29/-1.27)
5 (127)	5.30 + 0.09/-0.05 (134.62 + 2.29/-1.27)
6 (152)	6.30 + 0.09/-0.05 (160.02 + 2.29/-1.27)
8 (203)	8.38 ± 0.13/-0.09 (212.85 + 3.30/-2.29)
<u>8 (203)</u>	<u>8.38 ± 0.09 (212.85 ± 2.29)</u>
10 (254)	10.56 ± 0.09 (268.22 ± 2.29)
12 (305)	12.50 ± 0.09 (317.5 ± 2.29)
<u>12 (305)</u>	<u>12.50 ± 0.13 (317.5 ± 3.30)</u>
15 (380)	15.83 ± 0.09 (402.8 ± 2.29)
<u>15 (380)</u>	<u>15.83 ± 0.13 (402.8 ± 3.30)</u>