



**Summary of Substantive Changes  
between the 1999 and the 2012 editions of  
ASTM F442, “Chlorinated Poly(Vinyl Chloride) (CPVC)  
Plastic Pipe (SDR–PR)”**

**Presented to the IAPMO Standards Review Committee on February 11, 2013**

**General:** The changes to this standard may have an impact on currently listed products. The significant changes are:

- For nominal sizes 3 and 4, reduced the tolerance range by 0.001 in and reduced the maximum out-of-roundness from 0.030 to 0.023 in (see Table 1)

Section 4, Classification: The informative note was added as follows:

*NOTE 4—This standard specification does not include requirements for pipe and fittings intended to be used to vent combustion gases.*

Table 1  
Outside Diameters and Tolerances for CPVC Plastic Pipe

Nominal Pipe Size	Average Outside Diameter in (mm)	Tolerances, in (mm)		
		For Average	Maximum Out-of-Roundness (maximum minus minimum diameter)	
			SDR 32.5 SDR26 SDR21	SDR17 SDR13.5 SDR11
3 [80]	3.500 [88.9]	<del>±0.008 [0.20]</del> <u>±0.007 [0.18]</u>	0.060 (1.52)	<del>0.030 (0.75)</del> <u>0.023 (0.58)</u>
4 [100]	4.500 [114.3]	<del>±0.009 [0.23]</del> <u>±0.008 [0.20]</u>	0.100 (2.54)	<del>0.030 (0.76)</del> <u>0.023 (0.58)</u>