



**Summary of Substantive Changes  
between the 2013 and the 2019 editions of  
ASTM F442/F442M “Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR–  
PR)”**

**Presented to the IAPMO Standards Review Committee on March 9, 2020**

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

- Editorially revised language throughout the Standard including rounding to the nearest whole numbers in some measurements, adding NPS to the marking requirements, and correcting Table X1.1 (see Sections 8.1, 8.2, 10.2.1.1, and Table X1.1)

Section 2, Referenced Documents: The following references were revised as follows:

2.4 *NSF Standards:*

[NSF/ANSI](#) Standard No. 14 for Plastic Piping Components and Related Materials

[NSF/ANSI/CAN](#) Standard No. 61 for Drinking Water Systems Components—Health Effects

Section 8, Test Methods: Rounding to the nearest whole numbers for the test conditioning temperature requirements as follows:

8.1 *Conditioning*—Condition the test specimens at  $73.4 \pm 3.64$  °F [23.62 °C] and 50.65 % relative humidity for not less than 40 h prior to test in accordance with Procedure A of Practice D618 for those tests where conditioning is required.

8.2 *Test Conditions*—Conduct the tests in the standard laboratory atmosphere of  $73 \pm 3.64$  °F [23.62 °C] and 50.65 % relative humidity, unless otherwise specified in the test methods or in this specification.

Section 10, Marking: Adding NPS to the marking requirements as follows:

10.2 *Content of Marking:*

10.2.1 *Marking on the pipe shall include the following, spaced at intervals of not more than 5 ft [1.5 m]:*

10.2.1.1 *Nominal pipe size (for example, [NPS 2](#) ~~in~~ [[NPS 50 mm](#)]),*

Table X1.1, Water Pressure Ratings (PR) in psi [kPa] at 73 °F (23 °C) for Nonthreaded A SDR Pipe Produced from CPVC Material having an HDSB of 2000 psi [14 MPa] at 73 °F [23 °C]: Table was editorially corrected.