



**Summary of Substantive Changes  
between the 2011 and 2015 editions of  
ASSE 1061, Performance Requirements for Push-Fit Fittings**

**Presented to the IAPMO Standards Review Committee on August 11, 2015**

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

- Revised the Performance Requirements and Compliance Testing for push-fit fittings intended for use with CPVC (see Section 3.0)
- Expanded the scope of the hydrostatic sustained pressure test to include all fittings that fall within the criteria versus only fittings intended for use with copper tubing Added (see Section 3.1).
- Added the additional requirement to include the maximum pressure-temperature rating of the fitting and expanded the allowable media for some of the required information to include packaging or specification sheets (See Section 4.4).

Section 3.0, Performance Requirements and Compliance Testing: Clarified the general configuration for push-fit fittings to be coupled with their intended tube or pipe materials, added an allowance, for compliance testing, to test push-fit fittings intended for use with CPVC in accordance with ASTM F877, Hydrostatic Burst test, and Hydrostatic Sustained Pressure Strength test and specified the pressure for testing *Push-fit fittings intended for installation on PE-RT* as follows:

*Fittings and tubing shall be joined in accordance with the manufacturer's installation instructions for all performance tests.*

a) .....

b) *Push-fit fittings intended for installation on CPVC shall comply with the Pipe, Tube and Fittings Hydrostatic Sustained Pressure testing requirements of ASTM D2846, or shall comply with ASTM F877, Hydrostatic Burst test, and Hydrostatic Sustained Pressure Strength test. Testing shall include six (6) joints of each size. coupled to CPVC tubing.*

c) *Push-fit fittings intended for installation on ~~CPVC or~~ copper tubing shall comply with the Pipe, Tube and Fittings Hydrostatic Sustained Pressure testing requirements of ASTM D2846/D2846M, or 3.1 of this standard. Testing shall include six (6) joints of each size coupled to copper tubing.*

d) *Push-fit fittings intended for installation on PE-RT tubing shall comply with the testing requirements of ASTM F2769 sections 6.3 and 6.4, Burst Pressure test, and Sustained Pressure test., respectively. Testing shall include six (6) joints of each size coupled to PE-RT tubing. Test shall be performed to the hydrostatic design basis as specified by the manufacturer.*

Section 3.1, Hydrostatic Sustained Pressure Test for Fittings with an Elevated Temperature or Pressure Rating: Expanded the scope of the test to include all fittings that fall within the criteria versus only fittings intended for use with copper tubing as follows:

*3.1.1 Purpose*



*This test applies to push-fit fittings ~~intended for installation on copper tubing. The purpose of this test is to validate that have a~~ pressure ~~and/or~~ temperature rating in excess of the minimum ratings in ~~excess of 100.0 psi (section 1.2.3 (100psi [689.5 kPa])~~ at 180.0 °F (82.2°C).*

Section 4.4 Installation Instructions: Added the additional requirement to include the maximum pressure-temperature rating of the fitting and expanded the allowable media for some of the required information to include packaging or specification sheets as follows:

*The ~~manufacturer's~~ product's installation instructions, packaging, or specification sheets shall include the following information:*

*(a) ...*

*.*

*.*

*(f) Maximum pressure-temperature rating of the fitting.*