



**Summary of Substantive Changes
between the 2011 and the 2014 editions of
ASTM F2159 “Plastic Insert Fittings Utilizing a Copper Crimp Ring for
SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9
Polyethylene of Raised Temperature (PE-RT) Tubing”**

Presented to the IAPMO Standards Review Committee on December 8, 2014

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

- Limited the type of tubing intended for use with the fittings covered by the scope of the standard (see Section 1)
- Revised the marking requirements for crimp rings (see Section 15.2)

Section 1, Scope: Added references to standards ASTM F876, F2623, and F2769 to clarify the tubing for use with the fittings covered as follows:

1.1 This specification establishes requirements for sulfone plastic insert fittings and copper crimp rings for four sizes (3/8, 1/2, and 3/4 and 1) of cross-linked polyethylene (PEX) ~~plastic tubing-an~~ tubing that meet the requirements for Specification F876 and polyethylene of raised temperature (PE-RT) tubing that meet the requirements of Specifications F2623 and F2769. These fittings are intended for use in 100 psi (690 kPa) cold- and hot-water distribution systems operating at temperatures up to and including 180°F (82°C). Included are the requirements for material, molded part properties, performance, workmanship, dimensions, and markings to be used on the fittings and rings.

Section 15.2, Content of Marking: Revised the marking requirements for crimp rings to be in accordance with ASTM F1807, as follows:

15.2.3 Marking on crimp rings shall be marked in accordance with the requirements of Specification F1807 ~~include manufacturer’s trademark or some other identifying mark and PEX/PE-RT.~~