



**Summary of Substantive Changes
between the 2015 and 2017 editions of
ASTM F1807 “Metal 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 May 8, 2017

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

- Added additional examples of the intended use of products covered by the standard (see Section 1).

Section 1, Scope: Added additional examples of the intended use of products covered by the standard as follows:

1.1 This specification covers metal insert fittings and copper crimp rings for use with cross-linked polyethylene (PEX) tubing in 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, and 2 in. nominal diameters that meet the requirements for Specification F876 and for use with polyethylene of raised temperature (PE-RT) tubing in 3/8, 1/2, 5/8, 3/4 and 1 in. and 1 1/4 in. nominal diameters that meet the requirements of Specifications F2623 and F2769. These fittings are intended for use in 100 psi (689.5 kPa) cold- and hotwater distribution systems operating at temperatures up to, and including, 180°F (82°C). In addition, the fittings covered by this specification are intended for use in, but not limited to, residential and commercial systems, reclaimed water, fire protection, municipal water service lines, radiant heating and cooling systems, hydronic distribution systems, snow and ice melting systems, geothermal ground loops, district heating, turf conditioning, compressed air distribution and building services pipe. The requirements for materials, workmanship, dimensions, and markings to be used on the fittings and rings are also included.

Note 1 - Other code and regulatory requirements may apply to fittings for specific applications.