



**Summary of Substantive Changes  
between the 2015 and the 2020 editions of  
ASTM F1948 “Standard Specification for Metallic Mechanical Fittings for Use on  
Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing”**

**Presented to the IAPMO Standards Review Committee on March 09, 2020**

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

- Expanded the scope by adding Polyamide 11 and 12 gas piping in accordance with ASTM F2785 and F2945 respectively (see Section 1.1)
- Included the joining procedures allowed in testing specimens for Polyamide 11 and 12 in accordance with ASTM F2785 and F2945 respectively (see Section 7.1.3)

Section 1, scope: Expanded the scope by adding Polyamide 11 and 12 gas piping in accordance with ASTM F2785 and F2945 respectively as follows:

*1. Scope*

*1.1 This specification covers requirements and test methods for the qualification of metallic mechanical fittings for use with outside diameter controlled thermoplastic gas distribution pipe and tubing as specified in Specification D2513, [F2785](#), or [F2945](#).*

Section 7.1.3, Test Specimens: Included the joining procedures for Polyamide 11 and 12 in accordance with ASTM F2785 and F2945 as follows:

*7.1.3 Test Specimens—Test joints shall be prepared with the appropriate size thermoplastic pipe, complying with the dimensional requirements of Specifications D2513, [F2785](#), or [F2945](#), in accordance with the manufacturer’s joining procedures.*