

**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

**PROPERTY STANDARD
FOR**

**COPPER AND COPPER ALLOY
TUBING SYSTEM INCORPORATING
PRESS-TYPE OR NAIL-TYPE CONNECTIONS**

PS 117-2008

1. PURPOSE

- 1.1** The purpose of this standard is to establish a generally acceptable standard for copper and copper alloy fittings or tube (type K, L, and M) containing a press-type or nail-type end connections for installation on copper tubing. This fitting or tube may also be combined with other end connections such as threaded, soldered, push fit ends and/or alternate types provided the requirements of this document are met. Its purpose is to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; to promote understanding regarding materials, manufacture and installation; and to provide for identifying press-type or nail-type copper and copper alloy fittings or tube for installation on copper tubing complying with this standard.
- 1.2** The provisions of this standard are not intended to prevent the use of any alternate material or method of construction provided any such alternate meets the intent and requirements of this document and changes are amended to this standard.

2. SCOPE

- 2.1** This standard covers minimum standards for materials in the construction of copper and copper alloy fittings or tube containing a press-type or nail-type end connections may also be combined with other end connections such as threaded, soldered, push fit ends, and/or alternate types and to prescribe minimum test requirements for the performance, together with methods of marking and identification.

3. REFERENCED STANDARDS

- 3.1** All standards referenced herein shall be the current edition of the standards.

ASME B1.20.1	Pipe Threads, General Purpose (Inch)
ASME B16.18	Cast Copper Alloy Solder Joint Pressure Fittings
ASME B16.22	Wrought Copper and Copper Alloy Solder Joint Fittings
ASSE 1061	Removable and Non-Removable Push-Fit Fittings

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