

IAPMO PS 117-2016

Press and Nail Connections



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Press and Nail Connections

1 Scope

1.1 Scope

1.1.1 This Standard covers press and nail connections made with

- (a) copper or copper alloy fittings and Type K, L, and M copper tube;
- (b) carbon steel fittings and Schedule 10 and 40 carbon steel pipe;
- (c) stainless steel fittings and Schedule 5, 10, and 40 stainless steel pipe; or
- (d) stainless steel fittings and stainless steel pipe complying with the dimensions specified in Table 1.

1.1.2 This Standard specifies requirements for materials, physical characteristics, performance testing, and markings.

1.1.3 Products covered by this Standard include fittings, tube, and pipe with press or nail connection ends combined with other types of connections (e.g., threaded, soldered, and push-fit).

1.1.4 Carbon steel fittings and pipe covered by this Standard are not intended to be used in plumbing systems.

1.2 Alternate Materials

The requirements of this Standard are not intended to prevent the use of alternate materials or methods of construction provided such alternates meet the intent of this Standard.

1.3 Terminology

In this Standard,

- (a) "shall" is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the Standard;
- (b) "should" is used to express a recommendation, but not a requirement;
- (c) "may" is used to express an option or something permissible within the scope of the Standard; and
- (d) "can" is used to express a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.