

# IAPMO IGC 100-2019

## Copper Wrought Solder-Filled Joint Fittings



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Published by

**International Association of Plumbing and Mechanical Officials (IAPMO)**

4755 East Philadelphia Street, Ontario, California, 91761, USA

1-800-854-2766 • 1-909-472-4100

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Printed in the United States of America

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## Preface

This is the second edition of IAPMO IGC 100, Copper Wrought Solder-Filled Joint Fittings. This Standard supersedes IAPMO IGC 100-1998(R2013), Copper Wrought Solder-Filled Joint Fittings.

This Standard was developed by the IAPMO Standards Review Committee (SRC) in accordance with the policies and procedures regulating IAPMO industry standards development, Policy S-001, Standards Development Process. This Standard was approved as an IAPMO Industry Standard on August 12, 2019.

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  - (b) *relevant section, table, or figure number, as applicable;*
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  - (a) *the edition of the standard for which the interpretation is being requested;*
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# IAPMO IGC 100-2019

## Copper Wrought Solder-Filled Joint Fittings

### 1 Scope

#### 1.1 General

**1.1.1** This Standard covers copper wrought solder-filled joint fittings for installation on copper tubing and specifies requirements for materials, physical characteristics, performance testing, and markings.

**1.1.2** This Standard serves to supplement the provisions of IAPMO IS 3.

#### 1.2 Alternative Materials

The requirements of this standard are not intended to prevent the use of alternative materials or methods of construction provided such alternatives meet the intent and requirements 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.

#### 1.4 Units of Measurement

SI units are the primary units of record in global commerce. In this Standard, the inch/pound units are shown in parentheses. The values stated in each measurement system are equivalent in application, but each unit system is to be used independently. All references to gallons are to U.S. gallons.