

IAPMO IGC 304-2014

Flexible Expansion Joints for DWV and Sewer Piping Systems



IAPMO Standard

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Flexible Expansion Joints for DWV and Sewer Piping Systems

1 Scope

1.1 This Standard covers stainless steel flexible expansion joints intended to absorb movements in drain, waste, and vent and sewer systems caused by thermal expansion and contraction and building structural movements, and specifies requirements for materials, physical characteristics, performance testing, and markings.

Note: *In this Standard, "stainless steel flexible expansion joints intended for drain, waste, and vent and sewer applications" are referred to as "flexible joints".*

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

1.4 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.

1.5 Proposals for amendments to this Standard will be processed in accordance with the standards writing procedures of IAPMO.

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