ANSI/CAN/IAPMO Z1001-2021

Standard for

Prefabricated Gravity Grease Interceptors

American National Standard

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Prefabricated Gravity Grease Interceptors
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Preface

This is the fourth edition of IAPMO Z1001, *Prefabricated Gravity Grease Interceptors*. This Standard supersedes the previous editions of IAPMO/ANSI Z1001, *Prefabricated Gravity Grease Interceptors*, published in 2016, 2014, 2013 and 2007.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was developed by the IAPMO Z1000/Z1001 Technical Subcommittee and approved by the IAPMO Plumbing Standards Committee in accordance with the *ANSI Essential Requirements: Due process requirements for American National Standards, IAPMO Policies and Procedures for Consensus Development of American National Standards, SCC Requirements and Guidance - Accreditation of Standards Development Organizations,* and *IAPMO Policies and Procedures for Development of National Standards of Canada*. This Standard was approved as an American National Standard on September 3, 2021 and approved as a National Standard of Canada on September 23, 2021.

Notes:

(1) The use of the singular does not exclude the plural (and vice versa) when the sense allows.

(2) This standard was developed in accordance with the IAPMO procedures accredited as meeting the criteria for American National Standards and as a National Standard of Canada. The IAPMO Standards Committee that approved this Standard was balanced to assure that individuals from competent and concerned interests had an opportunity to participate. During its development, this Standard was made available for public review, thus providing an opportunity for additional input from industry, academia, regulatory agencies, and the public at large.

(3) This Standard was developed by consensus, which is defined as substantial agreement; consensus implies much more than a simple majority, but not necessarily unanimity. It is consistent with this definition that a member of the relevant IAPMO Standards Committee can be included in the committee roster and yet not be in full agreement with all sections of this Standard.

(4) Although the intended primary application of this Standard is stated in its scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.

(5) The significant portion of the subject matter in this standard can be grouped in the International Classification for Standards (13.030.40 Installations and equipment for waste disposal and treatment).

(6) IAPMO Standards are subject to periodic review at a maximum of 4 years from date of approval. Suggestions for their improvement will be referred to the relevant IAPMO Standards Committee. To submit a proposal for change to this Standard, you may send the following information to the International Association of Plumbing and Mechanical Officials, Attention Standards Department, at standards@IAPMOstandards.org or, alternatively, at 4755 East Philadelphia Street, Ontario, California, 91761, and include "Proposal for change" in the subject line:

- *(a) standard designation (number);*
- *(b) relevant section, table, or figure number, as applicable;*
- *(c) wording of the proposed change, tracking the changes between the original and the proposed wording; and*
- *(d) rationale for the change.*

(7) Requests for interpretation should be clear and unambiguous. To submit a request for interpretation of this Standard, you may send the following information to the International Association of Plumbing and Mechanical Officials, Attention Standards Department, at standards@IAPMOstandards.org or, alternatively, at 4755 East Philadelphia Street, Ontario, California, 91761, and include "Request for interpretation" in the subject line:

(a) the edition of the standard for which the interpretation is being requested;

(b) the definition of the problem, making reference to the specific section and, when appropriate, an illustrative sketch explaining the question;

(c) an explanation of circumstances surrounding the actual field conditions; and

(d) the request for interpretation phrased in such a way that a "yes" or "no" answer will address the issue.

(8) Interpretations are processed in accordance with IAPMO's accredited standards development procedures. IAPMO issues written replies to inquiries concerning interpretation of technical aspects of this Standard.

(9) IAPMO accepts responsibility only for those interpretations of this Standard issued in accordance with the accredited IAPMO policies and procedures, which precludes the issuance of interpretations by individuals.

(10) IAPMO does not "approve," "rate," or "endorse" any item, construction, proprietary device, or activity.

(11) IAPMO does not take any position with respect to the validity of any patent rights asserted in connection with any items mentioned in this Standard, and does not undertake to insure anyone utilizing this Standard against liability for infringement of any applicable patents, nor assumes any such liability. Users of this Standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, are entirely their responsibility.

(12) Participation by federal or state agency representative(s) or person(s) affiliated with industry is not to be interpreted as government or industry endorsement of this Standard.

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ANSI/CAN/IAPMO Z1001-2021
Prefabricated Gravity Grease Interceptors

1 Scope

1.1
This Standard covers prefabricated gravity grease interceptors made of concrete, fiber-reinforced polyester (FRP), thermoplastic, or steel and specifies requirements for design, materials, performance, testing, and markings.

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 either 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
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. Combining values from the two measurement systems can result in non-conformance with this Standard. All references to gallons are to U.S. gallons.