
**Plastics piping systems for hot and cold
water installations — Polypropylene
(PP) —**

**Part 2:
Pipes**

iTeh **AMENDMENT 1**
(standards.iteh.ai)

*Systèmes de canalisations en plastique pour les installations d'eau
chaude et froide — Polypropylène (PP) —*

<https://standards.iteh.ai/en/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007>
Partie 2: Tubes
AMENDEMENT 1



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 15874-2:2003/Amd 1:2007](https://standards.iteh.ai/catalog/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007)

<https://standards.iteh.ai/catalog/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 15874-2:2003 was prepared by the European Committee for Standardization (CEN) in collaboration with Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 2, *Plastics pipes and fittings for water supplies*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

(standards.iteh.ai)

[ISO 15874-2:2003/Amd 1:2007](https://standards.iteh.ai/catalog/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007)

<https://standards.iteh.ai/catalog/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007>

Introduction

In ISO 15874-2:2003, the *base pipe* is required to fulfil the dimensional requirements and the barrier is an “add on” giving to the finished product a wall thickness and outside diameter greater than stated in that part of ISO 15874. In some countries it is common practice that the finished product be required to fulfil the dimensional requirements of the standard.

This situation creates a problem throughout the world due to different requirements in different countries. It illustrates the need to have a common procedure on the market for dealing with this matter.

Amendment 1 to ISO 15874-2:2003 has been developed to clarify the requirements on dimensions and tolerances for barrier pipes and create a common procedure for designing and testing those pipes.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[ISO 15874-2:2003/Amd 1:2007](https://standards.iteh.ai/catalog/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007)

<https://standards.iteh.ai/catalog/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007>

Plastics piping systems for hot and cold water installations — Polypropylene (PP) —

Part 2: Pipes

AMENDMENT 1

Page 7, 6.1.3

Replace the subclause with the following:

6.1.3 The values of outside diameter and/or wall thickness apply to the polypropylene pipe and are exclusive of additional outside layers. For pipes with barrier layer¹⁾, the values of outside diameter and wall thickness may apply to the finished product, including the barrier layer, provided that the thickness of the outside barrier layer, including any adhesive layer, is $\leq 0,4$ mm and the design calculation using the values of outside diameter and wall thickness of the base pipe (PP) meet the $S_{\text{calc,max}}$ values according to Tables 1 to 3.

The manufacturer shall state the dimensions and tolerances of the base pipe in his documentation when different from Tables 4 to 8 of this part of ISO 15874.

NOTE For certification purposes, when a plastic barrier layer is embedded in the PP pipe wall, this construction is covered by this part of ISO 15874 until such time as the International Standards for such products (see Bibliographic references [7] to [10]) are published.

Page 12, Bibliography

Add the following to the Bibliography:

- [7] ISO 21003-1²⁾, *Multilayer piping systems for hot and cold water installations inside buildings — Part 1: General*
- [8] ISO 21003-2²⁾, *Multilayer piping systems for hot and cold water installations inside buildings — Part 2: Pipes*
- [9] ISO 21003-3²⁾, *Multilayer piping systems for hot and cold water installations inside buildings — Part 3: Fittings*
- [10] ISO 21003-5²⁾, *Multilayer piping systems for hot and cold water installations inside buildings — Part 5: Fitness for purpose of the system*

1) See ISO 15874-1:2003/Amd.1:2007.

2) To be published.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 15874-2:2003/Amd 1:2007](https://standards.iteh.ai/catalog/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007)

<https://standards.iteh.ai/catalog/standards/sist/d75a1c84-438a-4f00-bfbb-ba68c689b2e7/iso-15874-2-2003-amd-1-2007>

ICS 23.040.20; 91.140.60

Price based on 1 page