



SLOVENSKI STANDARD
SIST EN ISO 15874-2:2013/oprA2:2021
01-september-2021

**Cevni sistemi iz polimernih materialov za napeljave z vročo in hladno vodo -
Polipropilen (PP) - 2. del: Cevi - Dopolnilo A2 (ISO 15874-2:2013/DAM 2:2021)**

Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 2:
Pipes - Amendment 2: Impact test (ISO 15874-2:2013/DAM 2:2021)

Kunststoff-Rohrleitungssysteme für die Warm- und Kaltwasserinstallation - Polypropylen
(PP) - Teil 2: Rohre - Änderung 2 (ISO 15874-2:2013/DAM 2:2021)

Systèmes de canalisations en plastique pour les installations d'eau chaude et froide -
Polypropylène (PP) - Partie 2: Tubes - Amendement 2 (ISO 15874-2:2013/DAM 2:2021)

<https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3e005297101/sist-en-iso-15874-2:2013/oprA2:2021>

Ta slovenski standard je istoveten z: EN ISO 15874-2:2013/prA2

ICS:

23.040.20	Cevi iz polimernih materialov	Plastics pipes
91.140.60	Sistemi za oskrbo z vodo	Water supply systems

SIST EN ISO 15874-2:2013/oprA2:2021 en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 15874-2:2013/oprA2:2021](https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3cc005297101/sist-en-iso-15874-2-2013-opra2-2021)

<https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3cc005297101/sist-en-iso-15874-2-2013-opra2-2021>

DRAFT AMENDMENT

ISO 15874-2:2013/DAM 2

ISO/TC 138/SC 2

Secretariat: SNV

Voting begins on:
2021-06-18Voting terminates on:
2021-09-10

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

Part 2: Pipes

AMENDMENT 2: Impact test

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

Partie 2: Tubes

AMENDEMENT 2

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ICS: 23.040.20; 91.140.60

[SIST EN ISO 15874-2:2013/oprA2:2021](https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3cc005297101/sist-en-iso-15874-2-2013-opra2-2021)

<https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3cc005297101/sist-en-iso-15874-2-2013-opra2-2021>

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENT AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING



Reference number
ISO 15874-2:2013/DAM 2:2021(E)

© ISO 2021

ISO 15874-2:2013/DAM 2:2021(E)

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 15874-2:2013/oprA2:2021](https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3cc005297101/sist-en-iso-15874-2-2013-opra2-2021)
<https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3cc005297101/sist-en-iso-15874-2-2013-opra2-2021>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 155, *Plastics piping systems and ducting systems*, in collaboration with ISO 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).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO 15874-2:2013/DAM 2:2021(E)**Introduction**

The purpose of the impact test on pipe is to confirm that the extrusion process has not affected the impact characteristics of the material.

The pipe has to be tested in accordance to 7.2 [Table 11](#).

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

[SIST EN ISO 15874-2:2013/oprA2:2021
https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3cc005297101/sist-en-iso-15874-2-2013-opra2-2021](https://standards.iteh.ai/catalog/standards/sist/4aff737a-9ab7-4a97-bee6-3cc005297101/sist-en-iso-15874-2-2013-opra2-2021)

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

Part 2: Pipes

AMENDMENT 2: Impact test

7 Add the following new subclause title 7.1 after the title 7. Mechanical characteristics

“7.1 Resistance to internal pressure”

7 Add the following subclause 7.2 after Table 10

“7.2 Impact resistance

When tested according to the test methods as specified in [Table 11](#) using the indicated parameters, the pipe shall conform to the requirements given in that table.

Table 11 — Impact resistance of pipes

Characteristics	Requirements	Test parameters		Test method
Impact resistance (Charpy method) For DN ≤ 25 mm	≤ 10 %	Test temperature	0° C	ISO 9854-1
		Conditioning medium	Liquid bath or air	ISO 9854-2
		Test piece type	1 (Whole pipe)	
Impact resistance (round-the clock method) For DN ≥ 32 mm	TIR ≤ 10 %	Test temperature	0° C	ISO 3127
		Conditioning medium	Liquid bath or air	
		Type of striker	d25 for striker mass ≤ 0,8 kg	
		Mass of striker	or	
		Fall height of striker	d90 for striker mass ≥ 1,6 kg according to Table 12 according to Table 12	