

ICS 83.140.30; 91.140.60

ISBN 0-626-16006-5

SANS 15874-5:2004

Edition 1

ISO 15874-5:2003

Edition 1

SOUTH AFRICAN NATIONAL STANDARD

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

Part 5: Fitness for purpose of the system

This national standard is the identical implementation of ISO 15874-5:2003 and is adopted with the permission of the International Organization for Standardization.

SANS 15874-5:2004

Edition 1

ISO 15874-5:2003

Edition 1

Table of changes

Change No.	Date	Scope

Abstract

Specifies the characteristics of the fitness for purpose of polypropylene (PP) piping systems, intended to be used for hot and cold water installations within buildings for the conveyance of water, whether or not intended for human consumption (domestic systems) and for heating systems, under design pressures and temperatures according to the class of application.

Keywords

application, buildings, cold-water supply systems, domestic pipework systems, fittings (pipes), hot-water supply systems, pipelines, pipes, pipework systems, plastics, polypropylene, specifications, water, water supply.

National foreword

This South African standard was approved by National Committee StanSA SC 5140.14C, *Plastics pipes and fittings – Polypropylene pressure pipes*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

INTERNATIONAL STANDARD

ISO 15874-5

First edition
2003-12-01

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

Part 5: Fitness for purpose of the system

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

Partie 5: Aptitude à l'emploi du système



Reference number
ISO 15874-5:2003(E)

© ISO 2003

ISO 15874-5:2003(E)

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.

© ISO 2003

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.

ISO 15874-5 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).

Throughout the text of this document, read “...this European Standard...” to mean “...this International Standard...”.

ISO 15874 consists of the following parts, under the general title *Plastics piping systems for hot and cold water installations — Polypropylene (PP)*:

- *Part 1: General*
- *Part 2: Pipes*
- *Part 3: Fittings*
- *Part 5: Fitness for purpose of the system*
- *Part 7: Guidance for the assessment of conformity* [Technical Specification]