

Australian/New Zealand Standard™

Occupational protective gloves

Part 10.2: Protective gloves against chemicals and micro-organisms— Determination of resistance to penetration



AS/NZS 2161.10.2:2005

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-023, Occupational Protective Gloves. It was approved on behalf of the Council of Standards Australia on 9 March 2005 and on behalf of the Council of Standards New Zealand on 18 March 2005.

This Standard was published on 27 April 2005.

The following are represented on Committee SF-023:

Association of Accredited Certification Bodies
Australasian Fire Authorities Council
Australian Chamber of Commerce and Industry
Department of Consumer & Employment Protection, Worksafe Division (WA)
Griffith University
Telstra Corporation Limited
University of New South Wales
United Firefighters Union of Australia
University of Otago, New Zealand
University of Western Sydney

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR 04537.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 2161.10.2:2005

Occupational protective gloves

Part 10.2: Protective gloves against chemicals and micro-organisms—

Determination of resistance to penetration

RECONFIRMATION NOTICE

Technical Committee SF-023 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 16 June 2016.

Approved for reconfirmation in New Zealand on behalf of the Standards Council of New Zealand on 5 July 2016.

The following are represented on Technical Committee SF-023:

Australian Chamber of Commerce and Industry
Certification Interests (Australia)
Griffith University
National Safety Council of Australia
Safety Institute of Australia
University of Otago New Zealand
Worksafe New Zealand

NOTES

Australian/New Zealand Standard™

Occupational protective gloves

Part 10.2: Protective gloves against chemicals and micro-organisms— Determination of resistance to penetration

Originated as AS/NZS 2161.10.2:2002.
Second edition 2005.

COPYRIGHT

© Standards Australia/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Jointly published by Standards Australia, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 6579 3

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-023, Occupational Protective Gloves, to supersede AS/NZS 2161.10.2:2002.

The objective of this Standard is to provide users and manufacturers with a method for testing gloves against leakages of air or water, so that such gloves are likely to provide a barrier to biologically hazardous material. The objection of this revision is to adopt the current edition of EN 374-2.

This Standard is identical with, and has been reproduced from EN 374-2:2003, *Protective gloves against chemicals and micro-organisms*, Part 2: *Determination of resistance to penetration*.

As this Standard is reproduced from a European Standard, the following applies:

- (a) Its number appears on the cover and title page while the European Standard number appears only on the cover
- (b) In the source text ‘this European Standard’ should read ‘this Australian/New Zealand Standard’.
- (c) A full point substitutes for a comma when referring to a decimal marker.

This Standard is Part 10.2 of the following series:

AS/NZS

2161 Occupational protective gloves

2161.10.1 Part 10.1: Protective gloves against chemicals and micro-organisms—Terminology and performance requirements

2161.10.2 Part 10.2: Protective gloves against chemicals and micro-organisms—Determination of resistance to penetration

2161.10.3 Part 10.3: Protective gloves against chemicals and micro-organisms—Determination of resistance to permeation by chemicals

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

CONTENTS

1	Scope.....	1
2	Principle of tests	1
3	Sampling.....	1
4	Apparatus.....	1
	4.1 Air leak test.....	1
	4.2 Water leak test.....	2
5	Procedure.....	2
	5.1 General	2
	5.2 Air leak test.....	2
	5.3 Water leak test.....	3
6	Test report	3
	ANNEX A (normative) Informative annex to be used for quality assurance during production.....	7
	ANNEX ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives.....	7