



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 374-2:2014

Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration

Gants de protection contre les produits
chimiques et les micro-organismes
dangereux - Partie 2 : Détermination de la
résistance à la pénétration

Schutzhandschuhe gegen gefährliche
Chemikalien und Mikroorganismen - Teil
2: Bestimmung des Widerstandes gegen
Penetration

12/2014



National Foreword

This European Standard EN 374-2:2014 was adopted as Luxembourgish Standard ILNAS-EN 374-2:2014.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

<https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html>

THIS PUBLICATION IS COPYRIGHT PROTECTED

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

EUROPEAN STANDARD ILNAS-EN 374-2:2014 **EN 374-2**
NORME EUROPÉENNE
EUROPÄISCHE NORM

December 2014

ICS 13.340.40

Supersedes EN 374-2:2003

English Version

Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration

Gants de protection contre les produits chimiques et les micro-organismes dangereux - Partie 2 : Détermination de la résistance à la pénétration

Schutzhandschuhe gegen gefährliche Chemikalien und Mikroorganismen - Teil 2: Bestimmung des Widerstandes gegen Penetration

This European Standard was approved by CEN on 22 November 2014.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Principle of tests	4
4.1 Air leak test.....	4
4.2 Water leak test.....	4
4.3 Remarks	4
5 Sampling	4
6 Apparatus	5
6.1 Air leak test.....	5
6.2 Water leak test.....	6
7 Procedure	8
7.1 General.....	8
7.2 Air leak test.....	8
7.3 Water leak test.....	9
8 Test report	9
Annex A (informative) Informative annex to be used for quality assurance during production	10

Foreword

This document (EN 374-2:2014) has been prepared by Technical Committee CEN/TC 162 "Protective clothing including hand and arm protection and lifejackets", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2015, and conflicting national standards shall be withdrawn at the latest by June 2015.

This document supersedes EN 374-2:2003.

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

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

The major changes in comparison to EN 374-2:2003 are:

- reference to EN 374-3 changed to EN 16523-1;
- no classification concerning effective barrier to micro-biological hazards by resistance to penetration;
- clearer wording in test principles and test report;
- informative Annex A (AQL) not be tested, for the purpose of production control only, e. g. by the manufacturer or auditing organization.

EN 374 consists of the following parts under the general title, *Protective gloves against chemicals and micro-organisms*:

- Part 1: *Terminology and performance requirements*
- Part 2: *Determination of resistance to penetration*
- Part 3: *Determination of resistance to permeation by chemicals*
- Part 4: *Determination of resistance to degradation by chemicals*
- Part 5: *Terminology and performance requirements for micro-organisms risks*

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.