

STN	Ochranné rukavice proti chemikáliám a mikroorganizmom Časť 4: Stanovenie odolnosti proti degradácii chemikáliami (ISO 374-4: 2019)	STN EN ISO 374-4 83 2340
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Protective gloves against dangerous chemicals and micro-organisms - Part 4: Determination of resistance to degradation by chemicals (ISO 374-4:2019)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/20

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EUROPEAN STANDARD

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English Version

Protective gloves against dangerous chemicals and micro-organisms - Part 4: Determination of resistance to degradation by chemicals (ISO 374-4:2019)

Gants de protection contre les produits chimiques dangereux et les micro-organismes - Partie 4: Détermination de la résistance à la dégradation par des produits chimiques (ISO 374-4:2019)

Schutzhandschuhe gegen Chemikalien und Mikroorganismen - Teil 4: Bestimmung des Widerstandes gegen Degradation durch Chemikalien (ISO 374-4:2019)

This European Standard was approved by CEN on 29 September 2019.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 374-4:2019 (E)

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European foreword

This document (EN ISO 374-4:2019) has been prepared by Technical Committee ISO/TC 94 "Personal safety - Personal protective equipment" in collaboration with 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of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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

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Endorsement notice

The text of ISO 374-4:2019 has been approved by CEN as EN ISO 374-4:2019 without any modification.

**INTERNATIONAL
STANDARD**

**ISO
374-4**

First edition
2019-10

**Protective gloves against dangerous
chemicals and micro-organisms —**

Part 4:
**Determination of resistance to
degradation by chemicals**

*Gants de protection contre les produits chimiques dangereux et les
micro-organismes —*

*Partie 4: Détermination de la résistance à la dégradation par des
produits chimiques*



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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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ISO 374-4:2019(E)

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).

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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 Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 13, *Protective clothing*.

This document has been transferred from EN 374-4 without technical changes.

A list of all parts in the ISO 374 series can be found on the ISO website.

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.

Protective gloves against dangerous chemicals and micro-organisms —

Part 4: Determination of resistance to degradation by chemicals

1 Scope

This document specifies the test method for the determination of the resistance of protective glove materials to degradation by dangerous chemicals with continuous contact.

NOTE [Annex A](#) gives information on interlaboratory test results on this method.

It is preferable that other tests used in addition to the evaluation of chemical resistance such as permeation resistance and penetration, as the chemical test do not provide sufficient information on the physical property changes affecting a glove during exposure to a chemical. It is necessary that the outside surface of the glove be exposed to the chemical.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 374-1, *Protective gloves against dangerous chemicals and micro-organisms — Part 1: Terminology and performance requirements for chemical risks*

ISO 21420, *Protective gloves — General requirements and test methods*

ISO 23388:2018, *Protective gloves against mechanical risks*

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