



SLOVENSKI STANDARD SIST EN ISO 4524-3:2022

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Nadomešča:

SIST EN ISO 4524-3:1999

Kovinske prevleke - Preskusne metode za galvansko nanašanje zlata in njegovih zlitin - 3. del: Elektrografsko ugotavljanje poroznosti (ISO 4524-3:2021)

Metallic coatings - Test methods for electrodeposited gold and gold alloy coatings - Part 3: Electrographic tests for porosity (ISO 4524-3:2021)

Metallische Überzüge - Prüfverfahren für elektrolytisch abgeschiedene Überzüge aus Gold und Goldlegierungen - Teil 3: Elektrografische Prüfungen (ISO 4524-3:2021)

Revêtements métalliques - Méthodes d'essai des dépôts électrolytiques d'or et d'alliages d'or - Partie 3: Détermination électrographique de la porosité (ISO 4524-3:2021)

Ta slovenski standard je istoveten z: EN ISO 4524-3:2021

ICS:

25.220.40 Kovinske prevleke Metallic coatings

SIST EN ISO 4524-3:2022

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 4524-3

November 2021

ICS 25.220.40

Supersedes EN ISO 4524-3:1995

English Version

**Metallic coatings - Test methods for electrodeposited gold
and gold alloy coatings - Part 3: Electrographic tests for
porosity (ISO 4524-3:2021)**

Revêtements métalliques - Méthodes d'essai des
dépôts électrolytiques d'or et d'alliages d'or - Partie 3:
Détermination électrographique de la porosité (ISO
4524-3:2021)

Metallische Überzüge - Prüfverfahren für elektrolytisch
abgeschiedene Überzüge aus Gold und
Goldlegierungen - Teil 3: Elektrografische Prüfungen
(ISO 4524-3:2021)

This European Standard was approved by CEN on 22 September 2021.

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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.

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COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 4524-3:2021) has been prepared by Technical Committee ISO/TC 107 "Metallic and other inorganic coatings" in collaboration with Technical Committee CEN/TC 262 "Metallic and other inorganic coatings, including for corrosion protection and corrosion testing of metals and alloys" the secretariat of which is held by BSI.

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 May 2022, and conflicting national standards shall be withdrawn at the latest by May 2022.

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.

This document supersedes EN ISO 4524-3:1995.

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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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 4524-3:2021 has been approved by CEN as EN ISO 4524-3:2021 without any modification.

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INTERNATIONAL
STANDARD

ISO
4524-3

Second edition
2021-10

**Metallic coatings — Test methods for
electrodeposited gold and gold alloy
coatings —**

**Part 3:
Electrographic tests for porosity**

*Revêtements métalliques — Méthodes d'essai des dépôts
électrolytiques d'or et d'alliages d'or —
Partie 3: Détermination électrographique de la porosité*

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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 of 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*, Subcommittee SC 3, *Electrodeposited coatings and related finishes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 262, *Metallic and other inorganic coatings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 4524-3:1985), which has been technically revised.

The main change compared to the previous edition is as follows: due to currently strong restrictions on the use of cadmium, the cadmium sulphide paper test prescribed by the last edition of this document has been deleted.

A list of all parts in the ISO 4524 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.