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Leather - Leather for apparel (excluding furs) - Specifications and sampling procedures (ISO 14931:2021)

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. 08/21

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May 2021

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Supersedes EN ISO 14931:2015

English Version

**Leather - Leather for apparel (excluding furs) -
Specifications and sampling procedures (ISO 14931:2021)**

Cuir - Cuir pour vêtements (à l'exclusion des fourrures)
- Spécifications et procédures d'échantillonnage (ISO
14931:2021)

Leder - Leder für Bekleidung (Pelze ausgenommen) -
Spezifikationen und Probenahmeverfahren (ISO
14931:2021)

This European Standard was approved by CEN on 16 April 2021.

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

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EN ISO 14931:2021 (E)

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European foreword

This document (EN ISO 14931:2021) has been prepared by Technical Committee ISO/TC 120 "Leather" in collaboration with Technical Committee CEN/TC 289 "Leather" the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by November 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

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 14931:2021 has been approved by CEN as EN ISO 14931:2021 without any modification.

**INTERNATIONAL
STANDARD**

**ISO
14931**

Third edition
2021-04

**Leather — Leather for apparel
(excluding furs) — Specifications and
sampling procedures**

*Cuir — Cuir pour vêtements (à l'exclusion des fourrures) —
Spécifications et procédures d'échantillonnage*



Reference number
ISO 14931:2021(E)

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ISO 14931:2021(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 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 120, *Leather*, Subcommittee SC 2, *Tanned leather*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 289, *Leather*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 14931:2015), which has been technically revised.

The main changes to the previous edition are as follows:

- title revised;
- requirement for formaldehyde content modified;
- requirements for total chlorinated phenol content and individual chlorinated phenol content added;
- requirements for tensile strength, elongation at maximum force and stitch tear strength added;
- [Clause 8](#) on packaging and marking added.

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.

Leather — Leather for apparel (excluding furs) — Specifications and sampling procedures

1 Scope

This document gives recommended values and related test methods for apparel leather, excluding furs. It also specifies the sampling and conditioning procedures of laboratory samples.

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 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*

ISO 2418, *Leather — Chemical, physical and mechanical and fastness tests — Sampling location*

ISO 2419, *Leather — Physical and mechanical tests — Sample preparation and conditioning*

ISO 2588, *Leather — Sampling — Number of items for a gross sample*

ISO 3376, *Leather — Physical and mechanical tests — Determination of tensile strength and percentage elongation*

ISO 3377-1, *Leather — Physical and mechanical tests — Determination of tear load — Part 1: Single edge tear*

ISO 4044, *Leather — Chemical tests — Preparation of chemical test samples*

ISO 4045, *Leather — Chemical tests — Determination of pH and difference figure*

ISO 5402-1, *Leather — Determination of flex resistance — Part 1: Flexometer method*

ISO 11640, *Leather — Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing*

ISO 11642, *Leather — Tests for colour fastness — Colour fastness to water*

ISO 11643, *Leather — Tests for colour fastness — Colour fastness of small samples to solvents*

ISO 11644, *Leather — Test for adhesion of finish*

ISO 15700, *Leather — Tests for colour fastness — Colour fastness to water spotting*

ISO 17070, *Leather — Chemical tests — Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content*

ISO 17075-1, *Leather — Chemical determination of chromium(VI) content in leather — Part 1: Colorimetric method*

ISO 17075-2, *Leather — Chemical determination of chromium(VI) content in leather — Part 2: Chromatographic method*

ISO 17186, *Leather — Physical and mechanical tests — Determination of surface coating thickness*

ISO 17226-1, *Leather — Chemical determination of formaldehyde content — Part 1: Method using high-performance liquid chromatography*

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ISO 17233, *Leather — Physical and mechanical tests — Determination of cold crack temperature of surface coatings*

ISO 17234-1, *Leather — Chemical tests for the determination of certain azo colourants in dyed leathers — Part 1: Determination of certain aromatic amines derived from azo colourants*

ISO 17234-2, *Leather — Chemical tests for the determination of certain azo colorants in dyed leathers — Part 2: Determination of 4-aminoazobenzene*

ISO 23910, *Leather — Physical and mechanical tests — Measurement of stitch tear resistance*

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