

INTERNATIONAL STANDARD

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Leather — Leather for dress gloves — Specification

Cuir — Cuir pour gants de cérémonie — Spécifications



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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 14930 was prepared by Technical Committee ISO/TC 120, *Leather*, Subcommittee SC 2, *Tanned leather*.

Leather — Leather for dress gloves — Specification

1 Scope

This International Standard specifies the requirements, sampling and methods of testing for chrome and chrome-alum tanned leather used for the manufacture of dress gloves.

This International Standard does not apply to chamois and alum tanned (tawed) leather or to leather for safety or sports gloves.

2 Normative references

The following referenced documents are indispensable for the application 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 extension*

ISO 3377-2, *Leather — Physical and mechanical tests — Determination of tear load — Part 2: Double edge tear*

ISO 3380, *Leather — Physical and mechanical tests — Determination of shrinkage temperature up to 100 °C*

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

ISO 4045, *Leather — Chemical tests — Determination of pH*

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

ISO 11641, *Leather — Tests for colour fastness — Colour fastness to perspiration*

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3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
alum tanned leather
tawed leather
leather prepared solely with a mixture of which the essential active ingredient is an aluminium salt, and often, but not necessarily, alum-egg yolk and flour

NOTE The natural colour of the leather is white.

3.2
chamois leather
leather made from the flesh split of sheep, goat or lamb skin, or from sheep or lamb skin from which the grain has been removed by frizing and tanned by processes involving the oxidation of fish or marine animal oils in the skin, using either solely such oils (full-oil chamois) or first an aldehyde and then such oils (combination chamois)

3.3
chrome-alum tanned leather
leather that has first been chrome tanned throughout its thickness, then further treated or tanned with aluminium tanning agent

3.4
chrome tanned leather
leather tanned either solely with chromium salts or with chromium salts together with quite small amounts of some other tanning agent used merely to assist the chrome-tanning process, and not in sufficient amount to alter the essential chrome-tanned character of the leather

4 Requirements

Leather for dress gloves shall conform to the requirements given in Table 1.

Table 1 — Requirements for leather for dress gloves

Characteristics	Requirements	Test method
pH of aqueous extract	≥ 3,5	ISO 4045
ΔpH of aqueous extract	If the pH value is below 4, ΔpH shall be ≤ 0,7.	
Shrinkage temperature	≥ 90 °C	ISO 3380
Colour fastness to to-and-fro rubbing	Change of colour and staining of the felt pad to be assessed Dry felt 50 cycles ≥ 3 grey scale Wet felt 10 cycles ≥ 2 grey scale	ISO 11640
Tear strength	≥ 15,0 N	ISO 3377-2
Colour fastness		
— to perspiration	≥ 3 grey scale (for unlined gloves)	ISO 11641
— to light	≥ 3 blue scale	ISO 105-B02
Elongation at 2 N/mm ² , in percent	≥ 20 %	ISO 3376

5 Sampling

5.1 When possible, the location and identification of laboratory samples shall be in accordance with ISO 2418.

5.2 The number of samples shall be by agreement between the interested parties, except in cases of dispute when the number of samples shall be in accordance with ISO 2588. If the lot size of the leathers is high, the maximum number of samples shall be five.

6 Sample preparation and conditioning

6.1 Samples for physical and fastness tests shall be prepared and conditioned in accordance with ISO 2419.

6.2 Samples for chemical analysis shall be prepared in accordance with ISO 4044.

7 Test report

The test report shall contain at least the following information:

- a) reference to this International Standard;
- b) results of the tests listed in Table 1;
- c) date and place of tests;
- d) full details for the identification of samples;
- e) any deviations from this International Standard or the test procedures used.

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