

SVENSK STANDARD

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Läder – Kemiska, fysikaliska och mekaniska och äkthetsprov – Plats för provtagning (ISO 2418:2017)

Leather – Chemical, physical and mechanical and fastness test – Sampling location (ISO 2418:2017)

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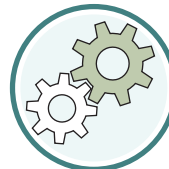
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Denna standard ersätter SS-EN ISO 2418, utgåva 1.

The European Standard EN ISO 2418:2017 has the status of a Swedish Standard. This document contains the official version of EN ISO 2418:2017.

This standard supersedes the Swedish Standard SS-EN ISO 2418, edition 1.

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EUROPEAN STANDARD

EN ISO 2418

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2017

ICS 59.140.30

English Version

Leather - Chemical, physical and mechanical and fastness test - Sampling location (ISO 2418:2017)

Cuir - Essais chimiques, physiques, mécaniques et de solidité - Emplacement de l'échantillonnage (ISO 2418:2017)

Leder - Chemische, physikalische und mechanische Prüfungen und Echtheitsprüfungen - Probenahmestelle (ISO 2418:2017)

This European Standard was approved by CEN on 19 January 2017.

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

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

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European foreword

This document (EN ISO 2418:2017) has been prepared by Technical Committee IULTCS "International Union of Leather Technologists and Chemists Societies" 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of an identical text or by endorsement, at the latest by August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

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Endorsement notice

The text of ISO 2418:2017 has been approved by CEN as EN ISO 2418:2017 without any modification.

Leather — Chemical, physical and mechanical and fastness tests — Sampling location

1 Scope

This document specifies the location of a laboratory sample within a piece of leather and the method of labelling and marking the laboratory samples for future identification.

It is applicable to all types of leather derived from mammals irrespective of the tanning used.

It is not applicable to leathers derived from birds, fish, reptiles or furs.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the terms and definitions given in the International Glossary of Leather Terms^[1] apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

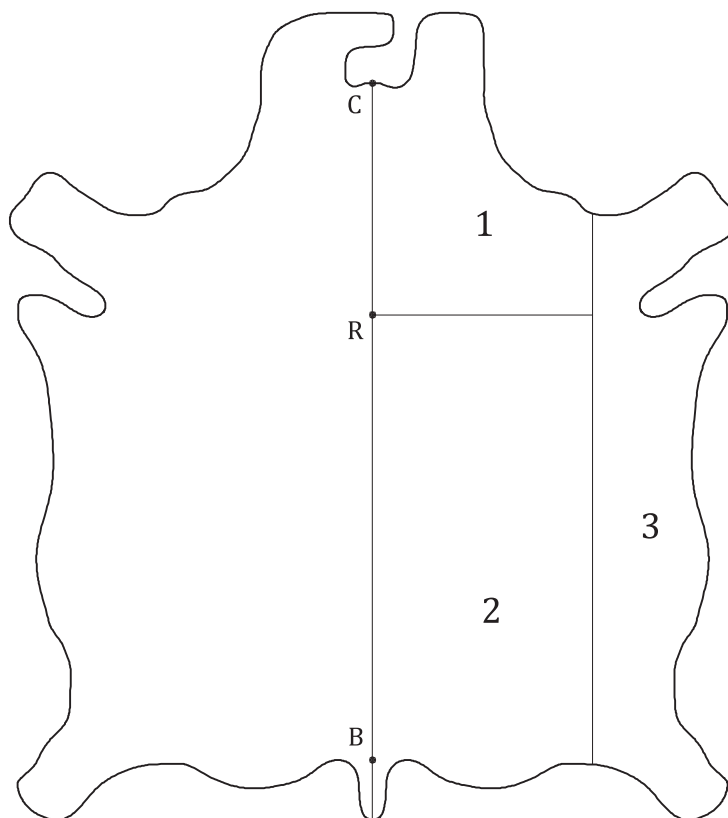
4 Location of laboratory samples

4.1 General

4.1.1 Segmentation of leather

For the purposes of this document, the following segmentation of leather is considered (see [Figure 1](#)): bend (or butt), shoulder and belly.

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Key

- 1 shoulder
- 2 bend
- 3 belly
- B root of the tail (if visible)
- C top of the neck
- BC backbone
- R shoulder point where $CR = BC/3$

Figure 1 — Segmentation of a whole hide

4.1.2 Selection of samples

4.1.2.1 Areas selected for laboratory samples shall be free from all obvious defects such as scratches and flay cuts.

4.1.2.2 The sampling procedures described are designed to allow concurrent physical, colour fastness and chemical testing.

4.1.2.3 The results of analyses carried out on samples taken from different segments can vary significantly. For this reason, added to the impossibility to uniquely define segments size, sampling from whole hides and sides is to be preferred (see [4.2](#)).

4.1.3 Sampling for physical and colour fastness testing

4.1.3.1 For physical and colour fastness testing, take leather samples from the non-shaded areas specified in [Figure 2](#) to [Figure 5](#) as appropriate.

4.1.3.2 In arbitration analysis, only leather samples taken from the appropriate area of whole hides, skin or sides (see [4.2](#)) shall be used as the test sample.

4.1.4 Sampling for chemical testing

4.1.4.1 For chemical testing, take leather samples from the shaded area specified in [Figure 2](#) to [Figure 5](#) as appropriate.

4.1.4.2 If the minimum mass required for chemical testing is not attained, sample from the corresponding area on the other side of the backbone. If this is impossible, take additional material from the area immediately adjacent to the sampling position.

4.1.4.3 Uncontaminated trimmings from physical test pieces may be used for chemical testing except in arbitration analysis.

4.1.4.4 In arbitration analysis, only leather samples taken from the appropriate shaded area of whole hides, skin or sides (see [4.2](#)) shall be used as the chemical test sample.

4.1.5 Sampling where areas of tension exist

If a hide is cut into half hides or segments and dried afterwards in a toggling drier or a drying process that creates tension in the leather at the edges, then the distance of the sampling areas from the edges of the leather shall be increased from 50 mm to at least 100 mm where possible.