

---

---

## Leather — Guidelines for packaging of wet blue leather

*Cuir — Lignes directrices pour le conditionnement du cuir en bleu  
humide*

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 11410:2019](https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019)

<https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019>



**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 11410:2019

<https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2019

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
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](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

<b>Contents</b>		Page
<b>Foreword</b> .....		<b>iv</b>
<b>1 Scope</b> .....		<b>1</b>
<b>2 Normative references</b> .....		<b>1</b>
<b>3 Terms and definitions</b> .....		<b>1</b>
<b>4 Package descriptions</b> .....		<b>2</b>
4.1 General .....		2
4.2 Bundle/pallet .....		2
4.3 Bundle slip/pallet slip .....		2
<b>Bibliography</b> .....		<b>4</b>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 11410:2019

<https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019>

## 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](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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](http://www.iso.org/iso/foreword.html).

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

<https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8c31831d0b/draft-iso-11410>

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](http://www.iso.org/members.html).

# Leather — Guidelines for packaging of wet blue leather

## 1 Scope

This document provides guidance and requirements for packing wet blue leather intended for transport and storage. This document is applicable to wet blue leather made out of goat skin, sheep skin, cow hide and buff hide.

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

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

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

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

### 3.1

#### **bundle**

pack containing several pieces of wet blue leather wrapped together

Note 1 to entry: 12 pieces, or multiples thereof, per pack for small ovine skins. Six pieces, or multiples thereof, per pack for large bovine skins. Or, for an easier decimal calculation, 10 pieces, or multiples thereof, per pack for small ovine skins and five pieces, or multiples thereof, per pack for large bovine skins.

### 3.2

#### **bundle slip**

marking sheet tagged with a bundle that provides a description of the contents

Note 1 to entry: The contents of each bundle are described in terms of

- a) grading;
- b) average size and number of pieces packed in the bundle;
- c) total area (m<sup>2</sup>);
- d) weight;
- e) origin and description (goat; sheep/lamb; cow; buffalo; other).

### 3.3

#### **bundle size**

maximum number of pieces that each bundle can accommodate for easy handling

Note 1 to entry: Care should be taken that the number of leathers packed in one bundle should not weigh more than 30 kg wherever there is manual handling. For mechanical handling, up to one ton can be packed per bundle.

## 4 Package descriptions

### 4.1 General

The following are the requirements for the packing of wet blue leather. All leathers shall be flat-packed without wrinkles on wooden disposable pallets or rolled without wrinkles in materials suitable for moisture retention.

NOTE Wrinkles formed during transit due to improper packing and inadequate moisture content in the leather are permanent and reduce the value of the leather for the end user considerably.

### 4.2 Bundle/pallet

Each bundle is initially packed with a material suitable for moisture retention, for example polyethene, and subsequently packed in an appropriate material to provide protection during transportation, for example HDPE or hessian bags.

The following information should be marked on the bundle:

- a) consignee;
- b) lot no.;
- c) bundle number/pallet no.;
- d) grade;
- e) number of pieces;
- f) total area packed in the bundle/pallet;
- g) date of packing;
- h) weight of the bundle/pallet (see NOTE);
- i) description of product, for example, goat, cow, sheep, etc.
- j) place of manufacture.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 11410:2019](https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019)

<https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019>

Weight of each bundle shall not exceed the limit prescribed by ILO for manual handling.

### 4.3 Bundle slip/pallet slip

There shall be a bundle slip in each bundle (or pallet slip in each pallet), packed/covered with a material suitable for moisture retention containing the following information:

- 1) description of packed material;
- 2) party;
- 3) lot number;
- 4) bundle number/pallet number;
- 5) grade;
- 6) number of pieces;
- 7) total area packed;
- 8) date of packing.

All wet blue leathers shall have relevant documents of country of origin, an animal health certificate and/or documents supporting other statutory requirements of the countries engaged in transaction.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 11410:2019

<https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019>

## Bibliography

- [1] ISO 3380, *Leather — Physical and mechanical tests — Determination of shrinkage temperature up to 100 °C*
- [2] ISO 4045, *Leather — Chemical tests — Determination of pH and difference figure*
- [3] ISO 5398-1, *Leather — Chemical determination of chromic oxide content — Part 1: Quantification by titration*
- [4] ISO 5431, *Leather — Wet blue goat skins — Specification*
- [5] ISO 5432, *Leather — Wet blue sheep skins — Specification*
- [6] ISO 5433, *Leather — Bovine wet blue — Specification*

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 11410:2019](https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019)

<https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019>



**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 11410:2019

<https://standards.iteh.ai/catalog/standards/sist/784438b7-4449-4640-bf33-8e2cb8318ceb/iso-11410-2019>