

# DRAFT UGANDA STANDARD

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## Men's, women's and children's leather belts — Specification

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The Executive Director  
Uganda National Bureau of Standards  
P.O. Box 6329  
Kampala  
Uganda  
Tel: +256 417 333 250/1/2  
Fax: +256 414 286 123  
E-mail: [unbs@infocom.co.ug](mailto:unbs@infocom.co.ug)  
Web: [www.unbs.go.ug](http://www.unbs.go.ug)

## Foreword

Uganda National Bureau of Standards (UNBS) is a parastatal under the Ministry of Trade, Industry and Cooperatives established under Cap 327, of the Laws of Uganda, as amended. UNBS is mandated to coordinate the elaboration of standards and is

- (a) a member of International Organisation for Standardisation (ISO) and
- (b) a contact point for the WHO/FAO Codex Alimentarius Commission on Food Standards, and
- (c) the National Enquiry Point on TBT Agreement of the World Trade Organisation (WTO).

The work of preparing Uganda Standards is carried out through Technical Committees. A Technical Committee is established to deliberate on standards in a given field or area and consists of key stakeholders including government, academia, consumer groups, private sector and other interested parties.

Draft Uganda Standards adopted by the Technical Committee are widely circulated to stakeholders and the general public for comments. The committee reviews the comments before recommending the draft standards for approval and declaration as Uganda Standards by the National Standards Council.

The committee responsible for this document is Technical Committee UNBS/TC 305, Leather and leather products.



# Men's, women's and children's leather belts — Specification

## 1 Scope

This draft Uganda standard specifies requirements and test methods for lined, unlined and reversible waist leather belts for men, women and children.

## 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.

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

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

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

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

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

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

## 3 Terms and definitions

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

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

— ISO Online browsing platform: available at <http://www.iso.org/obp>

### 3.1

#### **bovine hide**

hide from a bovine animal, usually mature, and of any breed

### 3.2

#### **bovine leather**

leather made from the hide or skin of a mature bovine animal

### 3.3

#### **calfskin**

tanned skin from a young bovine animal

- 3.4 exotic leather**  
leather made from the skin of game, reptiles, birds, fish or other exotic species
- 3.5 glacé kid**  
chrome-tanned leather made from kidskin or goatskin, finished to a smooth, glossy finish
- 3.6 goatskin**  
tanned skin from a goat
- 3.7 inorganic tanned leather**  
leather tanned with an inorganic tanning agent (or agents) and that may have been re-tanned with an inorganic or an organic tanning agent (or agents)
- 3.8 kid**  
chrome-tanned leather made from kidskin or goatskin
- 3.9 organic tanned leather**  
leather tanned with an organic tanning agent (or agents) and that may have been re-tanned with an organic or an inorganic tanning agent (or agents)
- 3.10 pigskin**  
tanned skin from a pig
- 3.11 split**  
leather made from the flesh layer of a bovine hide and that has been finished as suede or with an acceptable synthetic coating
- 3.12 suede**  
leather buffed to an even nap on the flesh side and used with this side outwards
- 3.13 acceptable**  
acceptable to the parties concluding the purchase contract, but in relation to the standardization mark and to inspections carried out by Uganda National Bureau of Standards (UNBS), acceptable to UNBS

## **4 Requirements**

### **4.1 Material requirements**

#### **4.1.1 Leather**

**4.1.1.1** Leather shall be bovine, split, calfskin, goatskin, kid, glacé kid, pigskin or exotic leather, as required.

**4.1.1.2** Leather shall:

- a) be well tanned and of acceptable quality;

- b) be free from defects that affect its appearance or that may affect its serviceability (or both);
- c) not be loose grained;
- d) be well fleshed and free from flay marks; and
- e) have an acceptable finish.

**4.1.1.3** When tested in accordance with the relevant methods given in column 3 of Table 1, leather shall comply with the physical and chemical requirements given in column 2.

**Table 1 — Physical and chemical requirements for leather**

Property	Requirements	Test method
Shrinkage temperature, °C, min.		
<ul style="list-style-type: none"> <li>• Inorganic tanned leather</li> <li>• Organic tanned leather</li> </ul>	<p style="text-align: center;">100</p> <p style="text-align: center;">75</p>	US ISO 3380
pH value, min.	3.3	US ISO 4045
Colour fastness (resistance to wet and dry rubbing after 50 rubs),		
<ul style="list-style-type: none"> <li>• Grain side (all leather), permissible colour change rating</li> <li>• Flesh side (leather for type A only), permissible colour transfer rating</li> </ul>	<p style="text-align: center;">4</p> <p style="text-align: center;">4</p>	US ISO 11640
Adhesion of finish, N, min.		
<ul style="list-style-type: none"> <li>• Dry</li> <li>• Wet</li> </ul>	<p style="text-align: center;">3.5</p> <p style="text-align: center;">2</p>	US ISO 11644
Flex endurance (flexometer), after 10,000 cycles	Only fine cracks in the finish are permitted	US ISO 5402-1
Breaking strength, N, min.	400	US ISO 3376

#### 4.1.2 Other non-leather components

##### General

All metal components, whether functional or decorative, shall be of an intrinsically corrosion-resistant metal or shall have been so coated as to render them resistant to corrosion.

## 4.2 Construction requirements

### 4.2.1 Type, and size of belts

#### 4.2.1.1 Type

The belts shall be of one of the following types (or acceptable modifications of these types), as required:

- a) type A - belts of leather and of unlined construction, incorporating a buckle or a closure fitting;
- b) type B - belts of leather and lined with leather, incorporating a buckle or a closure fitting; or
- c) type C - belts of reversible construction, incorporating a buckle or a closure fitting.

**4.2.1.2 Size**

**4.2.1.2.1** Size shall be determined by measuring the belt from the centre (middle) buckle hole to the buckle edge of the belt.

**4.2.1.2.2** Adult belts shall have a minimum length of 87 cm.

**4.2.1.3.3** Children belts shall be supplied in sizes as given in Table 2 or in other sizes, as the purchaser may require.

**Table 2 — Sizes of children belts**

Category	Size	
	Inches, in	Centimetres, cm
Extra small	Up to 20	Up to 50
Small	21 – 24	53 – 60
Medium	25 – 27	63 – 68
Large	28 – 29	71 – 73
Extra large	30 – 32	76 – 81
NOTE Unit conversion: 1 inch = 2.54 cm		

**4.2.2 Construction**

**4.2.2.1 Lining and interlining**

**4.2.2.1.1** Belts of type B and of type C may be interlined with fabric or other acceptable interlining material.

**4.2.2.2 Strength of belts**

Finished belts, when tested in accordance with US ISO 3376 shall have a breaking strength of at least 400 N.

**4.2.2.3 Riveting**

All rivets shall be securely and neatly attached and of sufficient length to allow the caps to be firmly clinched.

**4.2.3 Seams and stitching**

**4.2.3.1 Seams**

Seams shall be free from twists, pleats and puckers.

**4.2.3.2 Stitching**

Stitching may be functional or decorative (or both). In no instance shall the number of stitches per unit length be of such frequency as to impair or appreciably reduce the strength of the material being stitched.

The ends of all stitched seams shall be back-stitched and free from loose threads.



#### 4.2.4 Workmanship and finish

Belts shall be clean, well made, and free from any defects that affect their appearance or that may affect their serviceability (or both).

Sewing shall be uniform, and double rows of stitching shall be uniform unless intended to be otherwise.

### 5. Packaging

The belts shall be packed individually in packages made of suitable material or in bulk packages as to protect them from damage during transportation and storage.

## 6 Marking/labelling

### 6.1 Belts

Belts shall be legibly/indelibly marked/labelled with the following information:

- a) manufacturer's name, trade name or trade mark; and
- b) country of origin

### 6.2 Bulk packages

The packaging containing the belts shall have the following information legibly and indelibly marked/labelled:

- a) manufacturer's name, address and trade name or trade mark;
- b) gross weight;
- c) type of material;
- d) colour;
- e) quantity, and;
- f) country of origin.

### 6.3 Bulk packaging

The following information shall appear in neat, legible and indelible marking on the outside of each bulk container:

- a) manufacturer's name, trade name or trade mark;
- b) type of design;
- c) colour; and
- d) quantity, and;
- e) country of origin.

## Bibliography

SABS 1540, *Specifications – Men's and women's leather belts*

US 1608:2015, *Men's, women's and children's leather belts — Specification*

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## Certification marking

Products that conform to Uganda standards may be marked with Uganda National Bureau of Standards (UNBS) Certification Mark shown in the figure below.

The use of the UNBS Certification Mark is governed by the Standards Act, and the Regulations made thereunder. This mark can be used only by those licensed under the certification mark scheme operated by the Uganda National Bureau of Standards and in conjunction with the relevant Uganda Standard. The presence of this mark on a product or in relation to a product is an assurance that the goods comply with the requirements of that standard under a system of supervision, control and testing in accordance with the certification mark scheme of the Uganda National Bureau of Standards. UNBS marked products are continually checked by UNBS for conformity to that standard.

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