

DRAFT UGANDA STANDARD

Second Edition
2020-mm-dd

Textiles — Woven handkerchief — Specification



Reference number
DUS 1564: 2020

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The Executive Director
Uganda National Bureau of Standards
P.O. Box 6329
Kampala
Uganda
Tel: +256 414 333 250/1/2/3
Fax: +256 414 286 123
E-mail: info@unbs.go.ug
Web: www.unbs.go.ug

Foreword

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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 7, Textiles, Leather and Paper products, Subcommittee SC 1, Textiles and Related Products.

This second edition cancels and replaces the first edition (US 1564:2014), which has been technically revised. The following changes have been made:

- The title has changed from “Standard Performance Specification for Men’s, Women’s, and Children’s Woven Handkerchief Fabrics” to “Textiles — Woven handkerchief — Specification”
- The scope has been changed to focus on the final product instead of the handkerchief fabric
- Introduction of clause 4.1 for yarn requirements
- Introduction of clause 4.2 for fibre composition requirements
- Introduction of clause 4.3 for size requirements
- Introduction of clause 4.4 for finish requirements
- Introduction of clause 4.5 for seam requirements

Textiles — Woven handkerchief — Specification

1 Scope

This Draft Uganda Standard specifies requirements, test methods and sampling of woven handkerchiefs.

2 Normative references

The following referenced 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 105-C10, *Textiles — Tests for colour fastness — Part C10: Colour fastness to washing with soap or soap and soda*

ISO 105-X12, *Textiles — Tests for colour fastness — Part X12: Colour fastness to rubbing*

ISO 16373-2, *Textiles — Dyestuffs — Part 2: General method for the determination of extractable dyestuffs including allergenic and carcinogenic dyestuffs (method using pyridine-water)*

ISO 1833 (all parts), *Textiles — Quantitative chemical analysis*

US ISO 13934-1, *Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method*

US ISO 13937-4, *Textiles — Tear properties of fabrics — Part 4: Determination of tear force of tongue-shaped test specimens (Double tear test)*

US ISO 22198, *Textiles — Fabrics — Determination of width and length*

US ISO 5077, *Textiles - Determination of dimensional change in washing and drying*

3 Terms and definitions

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

handkerchief

hemmed square of thin fabric that can be carried in the pocket for personal hygiene purposes such as wiping one's face or hand or blowing one's nose

Note — A handkerchief can also be used as a purely decorative accessory in a suit pocket.

4 Requirements

4.1 Yarn

The yarn used in the manufacture of handkerchief fabric shall be spun yarn.

4.2 Fibre composition

4.2.1 Handkerchiefs should be made of natural fibres

4.2.2 When tested in accordance with a relevant part of ISO 1833, the handkerchief shall constitute the fibres indicated on the label.

4.3 Size

Unless agreed upon between the purchaser and the manufacturer, handkerchiefs shall be of the following sizes subject to a tolerance of ± 15 mm when tested in accordance with ISO 22198:

- a) The minimum size of a handkerchief shall be 203.2 mm by 203.2 mm
- b) The maximum size of a handkerchief shall be 457.2 mm by 457.2 mm

4.4 Finish

4.4.1 The handkerchief shall have a soft finish that is gentle on the skin.

4.4.2 Where colorants have been applied during the dyeing or printing process, the handkerchief shall not contain dyestuffs specified in ISO 16373-2 and ISO 16373-3.

4.5 Seam

A straight stitch shall be used and sewn close to the fold. However, a zigzag stitch may be used for decorative purposes.

4.6 Specific requirements

The properties of woven fabric for handkerchiefs shall conform to the specification requirements in Table 1.

Table 1 — Requirements of woven handkerchiefs

Parameter	Requirement	Test Method
Breaking strength (Both warp and weft), N, min.	80	ISO 13934-1
Tongue tear strength (Both warp and weft), N, min.	4.5	ISO 13937-4
Dimensional change: After 5 launderings, %, max.	5	ISO 5077
Colour fastness to washing: Shade change, min.	4	ISO 105-C10
Staining, min.	3	
Colour fastness to crocking: Dry, min.	4	ISO 105-X12

Wet, min.	3	
Colour fastness to light, min.	4	ISO 105-B02

5 Packaging and Labelling

5.1 Packaging

Woven handkerchiefs shall be packed in suitable transparent material to ensure protection from stains and dust

5.2 Labelling

The handkerchief package shall be labelled with the following information;

- a) name of the material;
- b) manufacturer's name or trade mark;
- c) address of the manufacturer;
- d) batch/lot number;
- e) country of origin;
- f) fibre composition; and
- g) size of the handkerchief

6 Sampling

To test the compliance of the handkerchief to the requirements of this standard, samples shall be taken according to the sampling plan given in Table 2. Table 2 — Sampling plan

Table 2 — Sampling plan

Number of handkerchiefs in the lot	Number of samples to be selected
2 - 8	2
9 - 15	3
16 - 25	5
26 - 50	8
51 - 90	13
91 - 150	20

Bibliography

ASTM D4153 – 14, *Standard Performance Specification for Men's, Women's, and Children's Woven Handkerchief Fabrics*

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ICS 59.080.30

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