# **KENYA STANDARD**

## DKS 3012 :2024

ICS 61.040

**First Edition** 

# **Cap and Hat Specification**





Standards for Quality life

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Moi university –Department of Industrial and Textile Engineering National Industrial Training Authority (NITA) Ministry of Industrialization and Trade Kenknit Eldoret Ltd Spinknit Nakuru Ltd Technical University of Kenya(TUK) RIVATEX Spinknit Ltd Nakuru Egerton University — Department of Applied Community Development Studies Kontoor Brands Inc Ltd Kitale Wool Shop Omega Apparels Ltd Mbagathi Hospital Kenya Bureau of Standards — Secretariat

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In order to keep abreast of progress in industry, Kenya Standards shall be regularly reviewed. Suggestions for improvements to published standards, addressed to the Managing Director, Kenya Bureau of Standards, are welcome.

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# **Cap and Hat Specification**

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### Foreword

This Kenya Standard was prepared by the Technical Committee on Fabrics under Standards Projects Committee, and it is in accordance with the procedures of the Kenya Bureau of Standards

The standard has been prepared to protect the consumers from poor quality cap and hat and facilitate trade of these items.

During the preparation of this standard reference was made to the following document:

KS 364:2006 Woven cellulosic fibre apparel fabric — Specification

Acknowledgement is hereby made for the assistance received from these sources

## DKS 3012:2024

#### 1. Scope

This Kenya Standard specifies the requirements test methods and sampling for hat and cap.

The hats and caps include but not limited to security caps, scouts cap, berets, beanie hats, fedora hats, safari hats, fishing hats, visor cap and Irish cap.

Note: Annex A contains examples of hat and caps for information and guidance.

#### 2 Normative references

The following referenced documents referred to in the text in such a way that some or all 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.

KS ISO 1833 Textiles — Quantitative chemical analysis KS ISO 3758 Care labelling using codes

#### 3 Terms and Definitions

For the purposes of this standard the following definitions shall apply:

3.1 brim- a wide part that sticks outwards at the bottom of hat or cap.

- 3.2 beanie hats- small, round, brimless hat and example is given in annex A
- 3.3 fedora hats- a hat with a soft brim and indented crown, example given in fig
- 3.4 safari hats/ fishings hats, A wide brimmed hat.
- 3.5 visor-the projecting front brim of a cap
- 3.6 visor cap- a type of crownless hat consisting simply of a visor.
- 3.7 irish cap- rounded cap with a small stiff brim in front. Also known as flat cap or driving cap

#### 4.0 General requirements

#### 4.1 Freedom from Defects

The cap and hat shall be free from any manufacturing defects such as holes, lumps, oil, stains dropped stitches, holes, cuts, missing stitches at the stitched parts and any other defects that may affect their performance.

#### 4.2 The tie strings in beanie hats

There shall be no tie strings in beanie hats for children from ages of 0 to 10 years.

#### **5.0 Specific Requirements**

5.1 The fibre composition and proportion of the fabric of the cap and hat shall be as declared subject to a tolerance of  $\pm 5$  %. This shall be determined in accordance with KS ISO 1833 (relevant parts).

5.2 The colourfastness of fabric used in cap and hat shall comply with the requirements stated in Table 1 when tested with test methods therein.

S/N	Parameter		Requirement	Test method
			min.	
i.	Colour fastness to light		5	KS ISO 105-B02
ii.	Colour fastness to washing	Colour change		KS ISO 105 C10 Test number C
		Staining	3	

#### **Table 1: Color fastness requirements**

#### 6 Labelling

The following information shall be on label securely attached to the cap and hat.

- I. Manufacturer name and address
- II. Trademark (if any)
- III. Fibre composition and proportion
- IV. Size
- V. Care instructions as per KS ISO 3758
- VI. Country of manufacture

#### 7.Sampling

Sampling shall be done in accordance with ISO 2859-1.

### Annex A(informative)

The following are examples of hat and caps for information and guidance.

Beanie hats	
Fedora hats	Addres Addre
Safari hats	
Visor hat	
Irish/driving cap	