

**Woven Table cloth and Napery—  
Specification**

**Public Review Draft**

**DKS2667:2016**

## **TECHNICAL COMMITTEE REPRESENTATION**

The following organizations were represented on the Technical Committee:

Moi University, Eldoret- Department of Textile Engineering  
Kenya Industrial Research and Development Institute (KIRDI)  
Chalange Industries Ltd  
Bedi Investments, Nakuru  
Kenya Association of Manufacturers (KAM)  
Handloom Weavers (Weavers worth& Yarn craft weavers)  
Ministry of Defence  
Kenya Prisons  
Kenya Bureau of Standards — Secretariat

## **REVISION OF KENYA STANDARDS**

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## **DKS2667:2016**

### **Foreword**

This Kenya Standard was prepared by the Technical Committee on Woven Fabrics under the direction of the Textile Industry Standards Committee and the National Standards Council.

Table cloth isa cloth for covering the top of a table, especially during mealswhile table napkins isa small piece ofcloththat is used to wipe the mouth and to cover the lap during meals times. This standard only specifies minimum requirements for their performance. In the development of this standard, the Technical Committee was guided mainly by data collected from the local textile industries and expertise from the textile industry.

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

ASTM D4111, Standard Performance Specification for Woven Napery and Table cloth Fabrics: Household and institutional

Acknowledgement is hereby made for the assistance derived from these sources.

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## Woven Table cloth and Napery—Specification

### 1 scope

This Kenya Standard specifies requirements for table cloths and table napkins made from any textile fibre or mixtures of fibres, machine made or handmade used in household and institutional.

### 2 Normative references

The following referenced documents are indispensable in the application of this standard:

KS ISO 13934-1 Tensile properties of fabrics -- Part 1: Determination of maximum force and elongation at maximum force using the strip method

KS ISO 105-D02-Tests for colour fastness -- Part D02: Colour fastness to rubbing

KS ISO 6330-Domestic washing and drying procedures for textile testing

KS ISO 105-C10-Colour fastness to washing with soap or soap and soda

KS ISO 105-B02-Colour fastness to artificial light: Xenon arc fading lamp test

### 3 Definitions

For the purpose of this Kenya Standard, the following definitions shall apply

**3.1 Table cloth-** a large piece of cloth that covers a table during a meal and protects or decorates it

**3.2 Table napkins-** a square piece of cloth used at a meal to wipe the fingers or lips and to protect garment

**Note:** overlays are also termed as table cloth

### 4 Requirements

**4.1 Fabric Fibre Composition**—the fabric fibre composition and proportion shall be as declared subject to a tolerance of 5 per cent. This shall be tested in accordance with KS ISO 1833

**4.2 Fabric Properties**— the fabric properties for table cloth and table napkins only shall be as specified in Table 1.

**4.3 Colour Fastness**— the colour fastness of the fabrics shall be as specified in Table 2.

#### 4.4 Dimensions

**4.4.1 Width of Fabric**— the width of each piece under test shall not be less than the value declared or marked. The variation of the width at any place shall be determined in accordance with KS 08-834: Part 1 from the mean value tested shall not be more than one per cent below or two per cent above.

**4.4.2 Length of Fabric**— the length of each piece under test shall not be less than the value declared or marked. This shall be determined in accordance with KS 08-834: Part 2 the variation of the length at any place from the mean value tested shall not be more than one per cent below or two per cent above.

**Table 1: Fabric Properties**

Characteristic		Requirements		Test method
		Table Cloth	Table napkin	
Breaking strength N, min	warp	242	242	KSISO 13924-1
	weft	242	242	
Dimensional change After 5 washing,% Max	warp	±5	±5	KS ISO 6330
	weft	±5	±5	

**Table 2: Colour fastness Requirements**

Agency		Numerical Rating (Min)	Test Method
Washing	Color change	4	KS ISO 105-C10
	Shade	4	
Light		4	KS ISO 105-B02
Rubbing	Dry	4	KS ISO 105-D02
	Wet	4	

## 5 MARKING

The following information shall appear on a label permanently attached to table cloth and table napkin

- a) Manufacturers name or registered trade mark.
- b) Fabric fibre composition and proportion
- c) Care instructions
- d) Dimensions in centimeters
- e) Country of origin

## 6 PACKING

Each piece or pieces of table cloth and table napkins shall be securely packed so as to avoid contamination with dust, moisture, fumes,