



## **DRAFT TANZANIA STANDARD**

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**Textiles – Woven and Knitted housecoat and dressing fabrics -  
Specification**

DRAFT FOR STAKEHOLDERS' COMMENTS ONLY

**TANZANIA BUREAU OF STANDARDS**

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**0 FOREWORD**

This Draft Tanzania Standard is issued to help manufacturers/retailers of woven and knitted of housecoat and dressing-gown fabrics to come up with products of defined quality. This Tanzania Standard covers the requirements of woven and knitted housecoats and dressing-gowns fabrics.

In the preparation of this Tanzania Standard, assistance was derived from:

SANS 1261-2, *Performance requirements for retail textiles Part 2: Piece goods for women's and girls' wear*, published by the South African National Bureau of Standards.

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## 1. SCOPE

This Draft Tanzania Standard specifies performance requirements, sampling, and test methods for Woven and Knitted housecoats and dressing-gown fabrics.

## 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:

TZS 21: *Textiles – Woven or knitted fabrics – Determination of mass per unit length and per unit area*

TZS 22: *Textiles – Woven fabrics – Determination of breaking load and Extension*

TZS 23: *Textiles – Test for colour fastness to light: Xenon arc*

TZS 26: *Textiles – Determination of conductivity, pH, water-soluble matter, chloride, and sulphate in aqueous extracts*

TZS 40: *Textiles – Tests for colour fastness to light: Daylight*

TZS 44: *Textiles – Woven or knitted fabrics – Determination of length and width*

TZS 27: *Determination of dimensional change of woven fabrics-Cold water immersion*

TZS 138: *Textiles – Test for colour fastness to rubbing*

TZS 24: *Method for determination of colour fastness of textile materials to washing.*

Test 4: *severe washing*

TZS 280: *Textiles – Tests for colour fastness – colour fastness to perspiration*

TZS 326: *Textiles – Ternary fiber mixtures – Quantitative analysis*

TZS 327: *Textiles – Binary fiber mixtures – Quantitative chemical analysis*

ISO 13938-2, *Pneumatic method for determination of bursting strength and bursting distension*

## 3. TERMS AND DEFINITIONS

For the purpose of this Draft Tanzania Standard the following terms and definitions shall apply:

### 3.1 housecoat

garment, usually long and loose, used for informal wear at home

### 3.2 dressing-gown

item of clothing often made from cotton or another absorbent material, in the form of a long open robe with a belt to tie it around the middle and fasten it securely; often worn over pajamas

## 4. REQUIREMENTS

4.1 The properties of Woven /or Knitted housecoats and dressing-gown fabrics shall conform to the specification requirements as given in Table 1.

#### 4.2 Breaking strength.

Unless otherwise stated, the requirements given in Table 1 shall apply equally to both warp (length) direction and weft (width) direction,

#### 4.3 dimensional changes

The dimensional changes both warp and weft direction requirements before and after washing or dry cleaning shall apply as given in Table 1.

#### 4.4 Colour fastness

The values specified shall be the minimum numerical ratings, determined in accordance with the relevant test method as given in Table 1 and, unless otherwise stated, the requirements shall apply to dyed or printed fabrics only.

**Table 1 – Requirements for Woven housecoat and dressing-gown fabrics**

Parameter			Requirement		Test method
			Woven housecoat and dressing	Knitted housecoat and dressing	
Material composition, %			Shall be as declared subject to a tolerance of ±2	Shall be as declared subject to a tolerance of ±2	TZS 326 TZS 327
Breaking strength, N, min.			150	N/A	TZS 22
Bursting, kPa, min			N/A	140	ISO 13938-2
Dimensional changes, Shrinkage or elongation, %, <i>max.</i>			±3	±5	TZS 27
pH value			6.0 to 8.5	6.0 to 8.5	TZS 26
Colour fastness to	Light		4 or better	4 or better	TZS 23
	Washing		4 or better	4 or better	TZS 24
	Rubbing	Dry	4 or better	4 or better	TZS 138
		Wet	3 or better	3 or better	TZS 138
	Perspiration		4 or better	4 or better	TZS 280
Dye properties			Non-carcinogenic Non-allergic		TZS 2007-2

## 5. MARKING

5.1 The Woven and Knitted housecoats and dressing-gown fabrics shall be marked with the following:

- a) description of the material.
- b) manufacturer's name, address or reference (initials or trademark) and if required supplier's name or reference,
- c) design number

## 6. PACKING

The Woven and Knitted housecoats and dressing-gown fabrics shall be packed in bales or cases in conformity with the procedure agreed upon between the buyer and the manufacturer.

## 7. SAMPLING

### 7.1 Lot

The number of products of the same quality delivered to one buyer against one dispatch note shall constitute a lot.

7.1.1 The conformity of the lot to the requirements of this Draft Tanzania Standard shall be determined based on tests carried out on the samples selected from the lot.

7.1.2 Unless otherwise agreed upon between the buyer and manufacturer, the number of pieces to be selected at random from a lot shall be in accordance with Table 2.

**Table 2 – Sampling size and permissible number of non-conforming pieces**

Number of pieces in the lot	Sample size (No. of pieces to be selected)	Permissible no. Non-conforming pieces	Sub-sample size (No. of pieces to be selected)
Up to 25	3	0	2
26 to 50	5	0	2
51 to 150	8	0	3
151 to 300	13	1	3
301 to 500	20	1	5
501 to 1000	32	2	5
1000 and above	50	3	8