



DRAFT TANZANIA STANDARD

TDC 3 CD₃ (1515)
First Edition

Textiles - Furniture Covers — Specification

Draft for stakeholders comments only!

Foreword

This Draft Tanzania Standard is being developed by the Household Textile Technical Committee under supervision of the Textile and Leather Division Standards Committee and it is in accordance with the procedures of the Bureau.

This Draft Tanzania Standard has been prepared with assistance drawn from:

SANS 1261 – 1, Performance requirements for retail textiles, Part 1 - Household piece goods and articles.

TZS 1423, Textile upholstery fabric specifications.

TZS 2510, Leather for upholstery Specifications.

TZS 3571, Cushion covers — Specification

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1 Scope

This Draft Tanzania Standard specifies the requirements and test methods for furniture covers (slip covers) made of textile fabrics.

2 Normative References

The following referenced documents are indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- a) TZS 4 Rounding off numerical values.
- b) TZS 21 Textiles - Woven or knitted fabrics - Determination of mass per unit length and - per unit area.
- c) TZS 22 Textiles - Woven Fabrics Determination of breaking load and extension.
- d) TZS 24 Textiles - Tests for colour fastness – Colour fastness to washing: Test 4.
- e) TZS 27 Textiles: Determination of dimensional changes of fabrics by cold water immersion.
- f) TZS 40 Textiles - Tests for colour fastness – Colour fastness to light: Daylight.
- g) TZS 44 Textiles - Tests Woven or knitted fabrics - Determination of length and width.
- h) TZS 138 Textiles - Test for colour fastness to rubbing.
- i) TZS 529 Textiles: Test for colour fastness to dry cleaning.
- j) TZS 2584-1:2019/ISO 9073-1: 1989 Textiles – Test methods for nonwovens – Part 1- Determination for mass per unit area.
- k) TZS 2584-3:2019/ISO 9073 -3: 1989 Textiles – Test methods for nonwovens – Part 3- Determination of tensile strength and elongation.
- l) TZS 2584-4:2019/ISO 9073 -4: 1997 Textiles – Test methods for nonwovens – Part 4- Determination of Tear resistance.
- m) TZS 2584-5:2019/ISO 9073 -5: 2008 Textiles – Test methods for nonwovens – Part 5- Determination of resistance to mechanical penetration (ball burst procedure).
- n) ISO 13936 – 1, Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 1: Fixed seam opening method.
- o) ISO 13936 – 2, Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 2: Fixed load method.
- p) ISO 13937 - 1, Textiles — Tear properties of fabrics — Part 1: Determination of tear force using ballistic pendulum method (Elmendorf).
- q) ISO 6940, Textile fabrics — Burning behaviour — Determination of ease of ignition of vertically oriented specimens.
- r) ISO 6941, Textile fabrics — Burning behaviour — Measurement of flame spread properties of vertically oriented specimens

3 Terms and Definitions

3.1 furniture cover (also called loose cover or slipcover)

fitted protective cover that may be slipped off and on a piece of upholstered furniture. Furniture cover (slipcovers) are usually made of cloth. Furniture covers are on and off, may be removed for seasonal change, cleaning, moving, or storage. They are tailored just as clothing is, and are fitted loosely or snugly to the taste of the owner or tailor

3.2 coated fabric

Fabric formed by depositing a resin over a textile substrate on one or both sides.

3.3 non-woven fabrics

fabric made from staple fibre and long fibres, bonded together by chemical, mechanical, heat or solvent treatment.

3.4 woven fabric

Fabric made from two series of threads, warp and weft, interlaced at right angles to each other.

3.5 knitted fabric

fabric made of a structure formed by interlocking loops of yarn

4 Requirements

4.1 Materials

4.1.1 Textile fabric

The fabric used in the manufacture of furniture cover shall be free from dressing and filling materials and from substances liable to cause subsequent tendering.

4.1.1.1 Fabric structure

The fabric structure shall be woven, knitted or non-woven. The fabric may or may not be coated.

4.1.1.2 Fibre composition and proportion

The fibre composition of the fabric shall be of any natural or manmade textile fibre of quality as agreed between buyer and seller

4.2 Design and construction

4.2.1 General

The design and construction of furniture cover including colour shall be agreed upon the buyer and seller.

4.3 Flammability

The burning behaviour of Furniture cover fabric shall be tested in accordance with 16 CFR Part 1610 and be of at least Class 1. See ISO 6940 and ISO 6941.

4.4 Dimension

The dimension of the furniture cover shall be upon agreement between buyer and seller

4.4 Performance requirements

Performance requirements of furniture cover shall comply with the requirements given in Table 1.

Table 1 – Performance requirements for Furniture covers.

SN	Parameters	Requirements			Test Methods	
		Uncoated fabric	Coated fabric	Non-woven fabric	Woven/knitted fabrics test methods	Non-woven test methods
1	Mass per unit area (g/m ²), min	20	300	90	TZS 21	TZS 2584-1:2019/ISO 9073-1: 1989
2	Breaking strength, N, min. a) Longitudinal b) Transverse	200 200	250 150	350 200	TZS 22	TZS 2584-3:2019/ISO 9073 -3: 1989
3	Elongation at break (%), min a) Longitudinal b) Transverse	50 100	50 100	-	TZS 22	TZS 2584-3:2019/ISO 9073 -3: 1989
4	Tear strength, N, min, (velour, flocked and woven fabrics only) - Warp - Weft	32 16	5 5	80 80	13937 – 1	TZS 2584-4:2019/ISO 9073 -4: 1997
5	Seam Strength					
	a) Resistance to opening at seam, N, min	65	65	65	ISO 13936 – 1	-
	b) Strength at seam, N, min	90	90	90	ISO 13936 – 2	-
6	Bursting strength, kPa, min. (knitted fabrics only)	400	400	150	TZS 22	TZS 2584-5:2019/ISO 9073 -5: 2008
7	Resistance to flat abrasion					
	For uncoated fabric a) Rubs to end point, min. b) Change in shade after 4,000 rubs, rating, min	10,000 4	-	1,000	TZS 412	TZS 412
	For coated fabric (minimum circles)	-	700	-	-	-
8	Flexural endurance, min	100,000 cycles without damage	300,000 cycles without damage	-	TZS 206	-
9	Dimensional changes on washing %, max. a) Warp/wale direction b) Weft/course direction	3 2	-	3 3	TZS 27	TZS 27
10	Colour fastness rubbing a) Dry, min	4 4	4 4	4 4	TZS 138	TZS 138

	b) Wet, min					
11	Colour fastness to dry cleaning; Shade change, min	4	4	4	TZS 529	TZS 529
12	Colour fastness to light, min	3	3	3	TZS 40	TZS 40
13	Colour fastness to washing, min					
	a) Change in colour	4	4	4	TZS 24	TZS 24
	b) Staining on transfer clothes	4	4	4		
14	Colour fastness to water spotting, min	4	4	4	TZS 531	TZS 531

5. Packing

5.1 Furniture cover

The furniture covers shall be packed with suitable material.

5.2 Bulk packaging

The furniture covers shall be packed with suitable material.

6 Marking

6.1 Unit packages

The following information shall indelibly be labelled/printed on the package;

- Manufacturer's name, address and registered trade mark;
- Name and description of the product;
- Composition of the material of the furniture cover;
- Instructions for use;
- Dimensions of the product;Batch number.

6.2 Bulk packages

The following information shall indelibly be labelled/printed on the bulk package;

- Manufacturer's name, address and registered trade mark;
- Number of unit packages in the bulk package;
- Gross Mass;
- County of origin.