



DRAFT TANZANIA STANDARD

**TDC 3 (1147) CD₃
First Edition**

Cushion covers — Specification

Draft for stakeholders comments only!

TANZANIA BUREAU OF STANDARDS

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.

SANS 1394 -2, Duvets and pillows Part 2: Synthetic fibre filled.

IS 12649 – Treated/coated fabrics for various applications – Guide for selection.

TZS 1423, Textile upholstery fabric specifications.

TZS 2510, Leather for upholstery Specifications.

1 Scope

This Draft Tanzania Standard specifies the requirements, sampling plan and test methods for cushion covers made of textile fabrics or leather.

2 Normative References

For the purpose of this Draft Tanzania Standard the following references shall apply:

- 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 26 Textiles - Determination of conductivity, pH, water-soluble matter, chloride and sulphate in aqueous extracts.
- f) TZS 27 Textiles: Determination of dimensional changes of fabrics by cold water immersion.
- g) TZS 40 Textiles - Tests for colour fastness – Colour fastness to light: Daylight.
- h) TZS 44 Textiles - Tests Woven or knitted fabrics - Determination of length and width.
- i) TZS 27
- j) TZS 138 Textiles - Test for colour fastness to rubbing.
- k) TZS 208 Leather – Physical and mechanical strength - Determination of tear load.
- l) TZS 529 Textiles: Test for colour fastness to dry cleaning.
- m) TZS 2584-1:2019/ISO 9073-1: 1989 Textiles – Test methods for nonwovens – Part 1- Determination for mass per unit area.
- n) TZS 2584-3:2019/ISO 9073 -3: 1989 Textiles – Test methods for nonwovens – Part 3- Determination of tensile strength and elongation.
- o) TZS 2584-4:2019/ISO 9073 -4: 1997 Textiles – Test methods for nonwovens – Part 4- Determination of Tear resistance.
- p) TZS 2584-5:2019/ISO 9073 -5: 2008 Textiles – Test methods for nonwovens – Part 5- Determination of resistance to mechanical penetration (ball burst procedure).
- q) ISO 13936 – 1, Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 1: Fixed seam opening method.
- r) ISO 13936 – 2, Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 2: Fixed load method.
- s) ISO 13937 - 1, Textiles — Tear properties of fabrics — Part 1: Determination of tear force using ballistic pendulum method (Elmendorf).
- t) ISO 6940, Textile fabrics — Burning behaviour — Determination of ease of ignition of vertically oriented specimens.

- u) ISO 6941, Textile fabrics — Burning behaviour — Measurement of flame spread properties of vertically oriented specimens

3 Terms and Definitions

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

3.1 cushion

bag of cloth or leather stuffed with a mass of soft material, used as a comfortable support for sitting or leaning on.

3.2 cushion Cover

fabric cover, often with a decorative design, designed to protect a cushion.

4 Requirements

4.1 Materials

4.1.1 Textile fabric

The fabric used in the manufacture of cushion 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.

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 specified in this Draft Tanzania Standard.

4.1.2 Leather

The grain of the leather for making up the cushion cover shall be free from flay cuts and grain defects that affect its appearance.

The flesh side of the leather shall have been shaved and shall be free from any cuts and loose flesh. The leather shall be firm, pliable and shall not be pippy.

The leather used in manufacture car seat cover shall comply with TZS 2510.

4.2 Design and construction

4.2.1 General

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

4.3 Flammability

The burning behaviour of cushion covers 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 Performance requirements

A cushion cover shall comply with the requirements given in Table 1.

Table 1 – Performance requirements for cushion covers.

SN	Parameters	Requirements				Test Methods		
		Uncoated fabric	Coated fabric	Non-woven fabric	leather	Leather test methods	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	200	TZS 212	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	30	TZS 208	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	-	20,000 cycles without damage	TZS 206	TZS 206	-
9	Dimensional changes on washing %, max. a) Warp/wale direction b) Weft/course	3	-	3	-	-	TZS 27	TZS 27

	direction	2		3				
10	Colour fastness rubbing a) Dry, min b) Wet, min	4 4	4 4	4 4	4 4	TZS 211	TZS 138	TZS 138
11	Colour fastness to dry cleaning; Shade change, min	4	4	4	4	ISO 15702	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 b) Staining on transfer clothes	4 4	4 4	4 4	4 4	ISO 15703	TZS 24	TZS 24
14	Colour fastness to water spotting, min	4	4	4	4	ISO 15700	TZS 531	TZS 531

5. Packing

5.1 Unit packaging

Each cushion cover shall be packed with suitable material.

5.2 Bulk packaging

The cushion covers shall be packed with suitable material.

6 Marking

6.1 Unit packages

The following information shall be indelibly marked on a label sewn or marked at an appropriate position on the cushion cover:

- Manufacturer's name, address and registered trade mark;
- Name and description of the product;
- Composition of the material of the cushion cover;
- Instructions for use;

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;
- Country of origin;

7. Sampling

7.1 Lot

The quantity of the cushion cover delivered to buyer against one despatch note shall constitute a lot.

7.2 The conformity of the lot to the various requirements specified in this Draft Tanzania Standard shall be determined on the basis of tests carried out on the samples selected from the lot.

7.3 Unless otherwise agreed, the number of pieces selected at random for inspection shall be in accordance with Table 2.

Table 2 - Sample Size and Permissible Number of Non-conforming pieces.

Lot size	Sample size	Permissible number of non-conforming pieces	Sub – sample size
Up to 25	3	0	2
26 to 50	5	0	2
51 to 150	8	0	3
151 to 100	13	1	3
301 to 500	20	1	5
501 to 1000	32	2	5
1001 and above	50	3	8