



Textiles — Car Seat Covers — Specification

Draft for stakeholders comments only!

Foreword

This Draft Tanzania Standard is being developed by the House Hold 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.

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

TZS 1423, Textile upholstery fabric specifications.

TZS 2510, Leather for upholstery Specifications.

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1. Scope

This Draft Tanzania Standard specifies the requirements and test methods for car seat covers made of leather or different fabric types including coated fabrics.

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 23 Textile - Tests for colour fastness, -Colour fastness to light: Xenon arc.
- e) TZS 24 Textiles - Tests for colour fastness – Colour fastness to washing: Test 4.
- f) TZS 26 Textiles - Determination of conductivity, pH, water-soluble matter, chloride and sulphate in aqueous extracts.
- g) TZS 27 Textiles: Determination of dimensional changes of fabrics by cold water immersion.
- h) TZS 40 Textiles - Tests for colour fastness – Colour fastness to light: Daylight.
- i) TZS 44 Textiles - Tests for Woven or knitted fabrics- Determination of length and width.
- 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 2709 Packaging – Flexible Plastic Packaging Material – Specification.
- n) ISO 13936 – 1, Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 1: Fixed seam opening method. Look for TZS
- o) ISO 13936 – 2, Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 2: Fixed load method.
- p) TZS 2510 Leather for upholstery Specifications.
- q) TZS 1423 Textile upholstery fabric specifications.
- r) ISO 13937 - 1, Textiles — Tear properties of fabrics — Part 1: Determination of tear force using ballistic pendulum method (Elmendorf).
- s) ISO 6940, Textile fabrics — Burning behaviour — Determination of ease of ignition of vertically oriented specimens.
- t) ISO 6941, Textile fabrics — Burning behaviour — Measurement of flame spread properties of vertically oriented specimens

3. Terms and Terminologies

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

3.1 car

wheeled motor vehicle used for transportation.

3.2 car seat cover

accessories that protect the original seat upholstery from wear and add a custom look to a vehicle's interior.

3.3 knitted fabric

fabric manufactured by intermeshing of loops (interloping) of yarns.

3.4 woven fabric

fabric manufactured by interlacing two sets of yarns at right angles.

4 Requirements

4.1 Materials

4.1.1 Textile fabric

The fabric used in the manufacture of car seat cover shall be free from dressing and filling materials and from substances liable to cause subsequent tendering. The fabric used to manufacture car seat covers shall comply with TZS 1423.

4.1.1.1 Fabric structure

The fabric structure shall be woven or knitted.

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 car seat cover shall be free from flays 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 Flammability

The burning behaviour of car seat 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 seat cover shall comply with the requirements given in table 1.

Table 1 – Performance of car seat cover made from uncoated fabrics

SN	Characteristics	Requirements			Test Methods	
		Uncoated fabric	Coated fabric	leather	Leather test methods	Textile fabrics test methods
1	Mass per unit area (g/m ²), min	20	300	-		TZS 21
2	Breaking strength, N, min. (woven fabrics) a) Longitudinal b) Transverse	200 200	250 150	200	TZS 212	TZS 22
3	Elongation at break (%), min (woven fabrics) a) Longitudinal b) Transverse	50 100	50 100	-		TZS 22
4	Tear strength, N, min, (velour, flocked and woven fabrics only) a) Longitudinal b) Transverse	32 16	5 5	30	TZS 208	ISO 13937 – 1
5	Seam Strength					
	a) Resistance to opening at seam, N, min	65	65	-	-	ISO 13936 – 1
	b) Strength at seam, N, min	90	90	-	-	ISO 13936 – 2
6	Bursting strength, kPa, min. (knitted fabrics only)	400	400	-		TZS 22
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	-	-		TZS 412
	For coated fabric (minimum circles)	-	700	-		
8	Flexural endurance, min	-	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 direction	3 2	-	-		TZS 137

10	Colour fastness rubbing a) Dry, min b) Wet, min	4 4	4 4	4 4	TZS 211	TZS 138
11	Colour fastness to dry cleaning; Shade change, min	4	4	4	ISO 15702	TZS 529
12	Colour fastness to light, min	3	3	-	-	TZS 40
13	Colour fastness to washing, min a) Change in colour b) Staining on transfer clothes	4 4	4 4	4 4	ISO 15703	TZS 24
14	Colour fastness to water spotting, min	4	4	4	ISO 15700	TZS 531

5.Packing

5.1 Unit Packaging

Each set of car seat covers shall be packed in a suitable material as specified in TZS 2709

6 Marking

6.1 Unit packages

The following information shall indelibly be marked on a label sewn or marked at an appropriate position on the car seat cover;

- Manufacturers name, address and registered trade mark;
- Name and description of the product;
- Batch number;
- Car type;
- Composition of the material of the car seat cover;
- Instructions for use;
- Instructions for disposal; and
- Country of manufacture.

6.2 Bulk Packages

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

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

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