



Textiles – Woven handkerchief performance – Specifications

Draft for stakeholders comments only!

Textiles – Woven Handkerchief Performance - Specifications

Foreword

This 2nd edition Draft Tanzania Standard is issued so as to help manufacturers of woven handkerchief to come up with products of defined quality and safeguarding the interest of consumer. Handkerchiefs are generally made from plain woven fabric with bleached, printed, dyed with border pattern. This Tanzania Standard covers the requirements of both utilitarian and decorative handkerchiefs.

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

ASTM D4153-14, *Standard performance – Specification for men's, women's and children's woven handkerchief fabrics*

This second edition cancels and replaces the first edition TZS 1550 Textiles – Woven Handkerchief Performance – specification.

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Textiles – Woven handkerchief performance – Specification

1 Scope

This Draft Tanzania Standard describe the requirements and constructional details for handkerchiefs. It is not applicable to lace fabrics which are used primarily to decorate handkerchiefs (lace border).

This Draft Tanzania Standard does not address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use

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

- a) *TZS 4 Rounding off numerical values.*
- b) *TZS 20 Textiles: Woven fabrics Determination of the number of threads per unit length.*
- c) *TZS 21 Textiles: Woven or knitted fabrics - Determination of mass per unit length and - per unit area.*
- d) *TZS 22 Textiles: Woven fabrics Determination of breaking load and extension.*
- e) *TZS 23 Textile: Tests for colour fastness, -Colour fastness to light: Xenon arc.*
- f) *TZS 24 Textiles: Tests for colour fastness – Colour fastness to washing: Test 4.*
- g) *TZS 26 Textiles: Determination of conductivity, pH, water-soluble matter, chloride and sulphate in aqueous extracts.*
- h) *TZS 27 Textiles: Determination of dimensional changes of fabrics by cold water immersion.*
- i) *TZS 40 Textiles: Tests for colour fastness – Colour fastness to light: Daylight.*
- j) *TZS 44 Textiles: Tests Woven or knitted fabrics- Determination of length and width.*
- k) *TZS 137 Textiles: Determination of dimensional change of woven and knitted fabrics and garments: Machine method.*
- l) *TZS 138 Textiles: Test for colour fastness to rubbing.*
- m) *TZS 529 Textiles: Test for colour fastness to dry cleaning.*
- n) *TZS 139 Textiles: Determination of the linear density of yarn removed from fabric free from added matter.*
- o) *TZS 249 Textiles: Woven or knitted fabrics-determination of bow and skewness.*
- p) *TZS 531: 1995, Textiles — Tests for colour fastness — Colour fastness to spotting by water*
- q) *TZS 530: 1995, Textiles — Test for colour fastness — Colour fastness to rubbing organic*

3 Terms and definitions

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For the purposes of this Draft Tanzania Standard, the following definitions shall apply.

Handkerchief

A hemmed square of thin fabric that can be carried in the pocket for personal hygiene purposes such as wiping one's face or hand or blowing one's nose. A handkerchief is also sometimes used as a purely decorative accessory in a suit pocket.

4 Requirements

4.1 Yarn

The yarn used in the manufacture of handkerchief fabric shall be soft and spun.

4.2 Fabric

The woven fabric used shall be either of the following:

- a) Cotton
- a) Cotton –synthetic blend
- b) Silk or linen

4.3 The properties of woven handkerchiefs shall conform to the specification requirements in table 1 below

Table 1 – Colour fastness requirements

SN	Colour fastness to:	Numerical rating		Method of testing
		Change in colour	Staining	
1	Light	4 or better	-	TZS 23: 1979 TZS 40: 1979
2	Washing	4 or better	3 or better	TZS 43: 1979
3	Perspiration (Acid and Alkali)	4 or better	3 or better	TZS 280: 1986
4	Hot pressing	4 or better	4 or better	TZS 770: 2003
5	Dry cleaning	4 or better	4 or better	TZS 529: 1993
6	Rubbing Dry wet	4 or better 3 or better	4 or better 4 or better	TZS 138: 1981

Table 2 – Other requirements of woven handkerchief

SN	Characteristic	Requirements	Method of test
1	Shrinkage or elongation, % max. (Both warp and weft)	5	TZS 27 :1981
2	pH value	6.0 to 8.5	TZS 26: 1981
3	Breaking load. N, Min (Both warp and weft directions)	80	TZS 22: 1979

6 Packing and marking

6.1 Packing

Woven handkerchief conforming to this specification shall be packed in suitable transparent wrappers e.g. polyethylene bags or a wrapper of other material ensuring protection from stains and dust

6.2 Marking

The cloth shall be marked with the following information:

- Name of the material;
- Width and length of the handkerchief;
- Manufacturers name, address and trade mark

7 Test specimens

Test specimens shall be taken at point as widely dispersed as possible throughout the available area of the fabric and no two specimens used for determination of a particular characteristic shall contain the same warp yarns and weft yarns

8 Criteria for conformity

Each piece of woven handkerchief shall comply with the requirements of This Draft Tanzania Standard