



DRAFT TANZANIA STANDARD

Textiles – Men's and Boys' Knitted and Woven Beachwear and Sports Shirt Fabrics – Specification

DRAFT FOR STAKEHOLDERS' COMMENTS ONLY

TANZANIA BUREAU OF STANDARDS

0 FOREWORD

This Draft Tanzania Standard is issued to help manufacturers of Men's and Boys' Knitted and Woven Beachwear and Sports Shirt Fabrics to come up with products of defined quality. Men's and Boys' Knitted and Woven Beachwear and Sports Shirt Fabrics are generally made from varieties of textile fibres.

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

D4154-14 Standard Performance Specification for Men's and Boys' Knitted and Woven Beachwear and Sports Shirt Fabrics

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1. SCOPE

This Draft Tanzania Standard specifies performance requirements, sampling, and test methods of knitted and woven fabrics comprised of any textile fibre or a mixture of fibers used in men's and boy's beachwear and sports shirts. This Draft Tanzania Standard is not applicable to knitted and woven fabrics used for interlining and swimwear.

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 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 fibre mixtures – Quantitative analysis*

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

3. TERMS AND DEFINITIONS

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

3.1 swimwear

clothing suitable to wear while swimming or bathing

3.2 circular knitted fabric

fabric knitted in tubular form by machine and usually later shaped or cut

3.3 warp Knitted fabric

fabric produced by machine with the yarns running in a lengthwise direction

3.4 beachwear

clothing suitable for wearing on the beach, though not necessarily for swimming.

4. REQUIREMENTS

4.1 The properties of fabrics for men's and boys' knitted swimwear, woven beachwear, and sports shirts fabrics shall conform to the requirements as given in Table 1.

Table 1 – Requirements for Knitted Swimwear and Woven Beachwear and Sports fabrics

Parameter			Requirement		Test method
			Woven	Knitted	
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.			120	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	TZS24
	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 swimwear, beachwear, and sportswear fabrics shall be marked with the following: description of the material.

- manufacturer's name, address or reference (initials or trademark) and if required supplier's name or reference,
- design number, and
- size.

6. PACKING

The swimwear, beachwear, and sportswear shall be packed in bales or cases in conformity with the procedure agreed upon between the buyer and the seller.

7. SAMPLING

7.1 Lot

The quantity of swimwear, beachwear, and sportswear 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 seller, 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

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