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**DRAFT TANZANIA STANDARD**

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**Textiles – Performance Requirements for Woven Flat Lining Fabrics  
for Women’s and Girls’ Apparel**

*Draft for Stakeholders' comments only*

**TANZANIA BUREAU OF STANDARDS**

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## **FOREWORD**

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

In the preparation of this Draft Tanzania Standard assistance has been obtained from the following standard:

ASTM D4114 – 21 – Standard Performance Specification for Woven Flat Lining Fabrics for Women's and Girls' Apparel.

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## 1. SCOPE

1.1 This Draft Tanzania Standard covers woven flat fabrics comprised of any textile fibre or mixture of fibres to be used as linings for women's and girls' apparel. It is not applicable to woven pile, woven fusible, fire-bonded fusible, sliver-knit pile, and sheepskin lining fabrics.

1.2 These requirements apply to the length and width directions for those properties where fabric direction is pertinent.

## 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 22: Textiles – Woven fabrics – Determination of breaking load and extension*

*TZS 24: Method for determination of colour fastness of textile materials to washing (test 4)*

*TZS 40: Method for determination of colour fastness of textiles material to day light*

*TZS 44: Textiles – Woven or knitted fabrics – Determination of length and width*

*TZS 137: Textiles – Determination of dimensional changes of woven and knitted fabrics and garments: Machine method*

*TZS 138: Method for determination of colour fastness of textiles material to rubbing*

*TZS 280: Method for determination of colour fastness of textile material to perspiration*

## 3. TERMS AND DEFINITIONS

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

### 3.1 Flat woven fabric

fabric that has multiple layers which provide high durability and tear strength

### 3.2 Woven pile fabric

three-dimensional fabrics made by weaving into the basic structure an extra set of warp or filling yarns to make loops or cut ends on a surface, they are classified by the set of yarns used to form the pile, as filling pile and warp pile fabrics.

### 3.3 Women's apparel

attire that is worn by women

### 3.4 Girls' apparel

attire that is worn by girls

## 4. SPECIFICATION REQUIREMENTS

The properties of woven flat fabrics, to be used as linings in women's and girls' apparel, shall conform to the specification requirements in Table 1.

**Table 1. Specification requirements**

S/N	Characteristics	Requirements	Test methods
1	Breaking load (strength), N, <i>min</i>	110	TZS 22
2	Dimensional changes, percentage, <i>max</i> , After five launderings After three dry-cleaning	3 2	TZS 137
3	Colours fastness to:	a) Laundering Shade change Staining	4 or better 3 or better TZS 24
		b) Dry-cleaning Shade change	4 or better TZS 529
		c) Rubbing: Wet Dry	4 or better 3 or better TZS 138
		d) Perspiration Shade change Staining	4 or better 3 or better TZS 280
		e) Light	5 TZS 23
4	pH value	6.0 to 8.5	TZS 26

## 5. SIGNIFICANCE AND USE

5.1 Upon agreement between the buyer and the seller fabrics intended for this end use should meet all of the requirements listed in Table 1 of this performance specification.

5.2 It is recognized that for purposes of fashion or aesthetics the ultimate consumer of articles made from these fabrics may find acceptable fabrics that do not conform to all of the requirements in Table 1. Therefore, one or more of the requirements listed in Table 1 may be modified upon agreement between the buyer and the supplier.

5.3 Where no pre-purchase agreement has been reached between the buyer and the seller, and in case of controversy, the requirements listed in Table 1 are intended to be used as a guide only. As noted in 5.2, ultimate consumer demands dictate varying performance parameters for any particular style of fabric.

5.4 The uses and significance of particular properties and methods are discussed in the appropriate sections of the specified test methods.

## 6. SAMPLING

### 6.1 Lot Sample

As a lot sample for acceptance testing, take at random the number of rolls as directed in any applicable specification or other agreement between the buyer and the seller.

### 6.2 Laboratory Sample

From each roll or piece in the lot sample, cut two laboratory samples the full width of the fabric and at least 375 mm (15 in.) along the selvage.