



BSI Standards Publication

Textiles — Silk woven fabrics for womenswear, silk squares, scarves and ties — Requirements and test methods

National foreword

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The UK committee voted against this standard, as they are of the opinion that many parts of the standard are commercial considerations, these include the following clauses; 5.2.3.2, 5.2.3.3, 5.2.4, 5.2.5, 5.3.4, 5.5, 6.1, 6.2.

The UK participation in its preparation was entrusted to Technical Committee TCI/66, Apparel and interior textiles.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Textiles - Tissus en soie destinés aux vêtements féminins, foulards, écharpes et cravates - Exigences et méthodes d'essai

Textilien und textile Erzeugnisse - Gewebe aus Seide für Damenbekleidung, Seidentücher, Schals und Krawatten - Anforderungen und Prüfverfahren

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Foreword

This document (EN 16315:2014) has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2014 and conflicting national standards shall be withdrawn at the latest by September 2014.

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1 Scope

This European Standard specifies requirements for 100 % silk woven fabrics for womenswear, and for silk squares, scarves and ties for men and women, with the test methods for their evaluation.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1049-2, *Textiles — Woven fabrics — Construction — Methods of analysis — Part 2: Determination of number of threads per unit length (ISO 7211-2:1984 modified)*

EN 1773, *Textiles — Fabrics — Determination of width and length*

EN 12127, *Textiles — Fabrics — Determination of mass per unit area using small samples*

EN ISO 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2013)*

EN ISO 105-C06, *Textiles — Tests for colour fastness — Part C06: Colour fastness to domestic and commercial laundering (ISO 105-C06:2010)*

EN ISO 105-D01, *Textiles — Tests for colour fastness — Part D01: Colour fastness to dry cleaning using perchloroethylene solvent (ISO 105-D01:2010)*

EN ISO 105-E04, *Textiles — Tests for colour fastness — Part E04: Colour fastness to perspiration (ISO 105-E04:2013)*

EN ISO 105-J03, *Textiles — Tests for colour fastness — Part J03: Calculation of colour differences (ISO 105-J03:2009)*

EN ISO 105-X11, *Textiles — Tests for colour fastness — Part X11: Colour fastness to hot pressing (ISO 105-X11:1994)*

EN ISO 105-X12, *Textiles — Tests for colour fastness — Part X12: Color fastness to rubbing (ISO 105-X12:2001)*

EN ISO 139, *Textiles — Standard atmospheres for conditioning and testing (ISO 139:2005)*

EN ISO 3175-1, *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments — Part 1: Assessment of performance after cleaning and finishing (ISO 3175-1:2010)*

EN ISO 3175-2, *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments — Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene (ISO 3175-2:2010)*

EN ISO 3175-3, *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments — Part 3: Procedure for testing performance when cleaning and finishing using hydrocarbon solvent (ISO 3175-3:2003)*

EN ISO 3175-4, *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments — Part 4: Procedure for testing performance when cleaning and finishing using simulated wetcleaning (ISO 3175-4:2003)*

EN ISO 3759, *Textiles — Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change (ISO 3759:2011)*

EN ISO 5077, *Textiles — Determination of dimensional change in washing and drying (ISO 5077:2007)*

EN ISO 6330, *Textiles — Domestic washing and drying procedures for textile testing (ISO 6330:2012)*

EN ISO 13015, *Woven fabrics — Distortion — Determination of skew and bow (ISO 13015:2013)*

EN ISO 13934-1, *Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method (ISO 13934-1:2013)*

EN ISO 13936-1, *Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 1: Fixed seam opening method (ISO 13936-1:2004)*

EN ISO 13937-1, *Textiles — Tear properties of fabrics — Part 1: Determination of tear force using ballistic pendulum method (Elmendorf) (ISO 13937-1:2000)*

ISO 1144, *Textiles — Universal system for designating linear density (Tex System)*

ISO 7211-1, *Textiles — Woven fabrics — Construction — Methods of analysis — Part 1: Methods for the presentation of a weave diagram and plans for drafting, denting and lifting*

ISO 7211-4, *Textiles — Woven fabrics — Construction — Methods of analysis — Part 4: Determination of twist in yarn removed from fabric*

ISO 7211-5, *Textiles — Woven fabrics — Construction — Methods of analysis — Part 5: Determination of linear density of yarn removed from fabric*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

silk square

sewn square shaped article of silk fabric

3.2

scarf

sewn rectangular or triangular shaped article of silk fabric

3.3

tie

sewn long narrow article of silk fabric

3.4

length of piece

distance between piece-ends along the piece of fabric

3.5

total fabric width

distance from the outermost yarn of a piece on one edge to the outermost yarn on the other edge, measured perpendicular to the warp direction

[SOURCE: EN 1773]

3.6

usable fabric width

distance from the outermost yarn of the piece on one edge to the outermost yarn on the other edge excluding the selvages