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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 8628-2013

**Textiles -- Preparation, marking and measuring of fabric
specimens and garments in tests for determination of
dimensional change
(English Translation)**

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Table of Contents

Foreword...	3
1 Scope...	5
2 Normative references...	5
3 Principle...	6
4 Apparatus...	6
5 Atmospheres for conditioning and testing...	6
6 Fabric articles...	7
7 Garments...	8
8 Flat made-up textile articles...	10
9 Specimens treatment and dimension measurement after treatment...	11
10 Results expression...	11
11 Test report...	11
Annex A (Informative) Marking of Narrow-fabrics Specimens...	12

Foreword

This standard is drafted according to the rules specified in GB/T 1.1-2009.

This standard replaces GB/T 8628-2001 Textiles - Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change.

Compared with GB/T 8628-2001, the main technical changes of this Standard are as follows.

- The statement of application scope is revised (see Clause 1; Clause 1 in Edition-2001).
- Reference to GB/T 8170-1987 is deleted. References to GB/T 4666, GB/T 8629, GB/T8631, GB/T 19981, ISO 15797 and FZ/T 20021 are added (see Clause 2, 6.2, Clause 9; Clause 2 and Clause 10 in Edition-2001).
- The equipment generating normal atmosphere is deleted (see 4.4 in Edition-2001).
- Sampling requirements for knitted fabric are added (see 6.1).
- Pre-conditioning for specimens is deleted. Relevant marker is adjusted to be after

conditioning (see 6.3 and 6.4; 6.4 in Edition-2001).

- Operational steps for cloth hanging and conditioning are added (see 7.1.4).
- Pants measurement positions are added (see 7.2.2).
- Statement about treatment is added in the test report (see Clause 11).
- Annex "measurement of bra, knitting socks, hats and gloves" is deleted (see Annex B in Edition-2001).

Using re-drafting method, this standard modifies and adopts ISO 3759:2011 Textiles - Preparation, Marking and Measuring of Fabric Specimens and Garments in Tests for Determination of Dimensional Change (English version).

The main differences between this standard and ISO 3759:2011 are as follows.

- Table of Contents and Foreword of international standard are deleted;
- International standards in normative reference are replaced with corresponding national standards or industrial standards (see Clause 2).
- Add pants measurement positions (see 7.2.2).
- Add code D of dimensional change-rate in calculation formula and result rounding requirements (see Clause 10).

Textiles - Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change

1 Scope

This Standard specifies a method for the preparation, marking and measuring of textile fabrics, garments and fabric assemblies for use in tests for assessing dimensional change after a specified treatment, e.g. washing, dry cleaning, soaking in water and steaming, following the procedures in GB/T 8629, GB/T 19981, GB/T 8631, ISO 15797 and FZ/T 20021.

This Standard is applicable to woven and knitted fabrics, and made-up textile articles. The procedures are not applicable to certain upholstery coverings.

2 Normative references

The articles contained in the following documents have become part of this document when they are quoted herein. For the dated documents so quoted, all the modifications (including all corrections) or revisions made thereafter shall be applicable to this document.

GB/T 4666 Textiles - Fabrics - Determination of width and length (GB/T 4666-2009, ISO 22198.2006, IDT)

GB/T 6529 Textiles - Standard atmospheres for conditioning and testing (GB/T 6529-2008, ISO 139.2005 MOD)

GB/T 8629 Textiles - Domestic washing and drying procedures for textile testing (GB/T 8628-2001, ISO 3759.2011, MOD)

GB/T 8631 Textiles - Determination of dimensional changes of fabrics induced by cold-water immersion (GB/T 8631-2001, ISO 7771.1985, eqv)

GB/T 19981.1 Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 1.Assessment of performance after drycleaning and finishing (GB/T 19981.1-2005, ISO 3175-1.1998, MOD)

GB/T 19981.2 Textiles-Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments Part 2.Procedure for testing performance when drycleaning and finishing using tetrachloroethene (GB/T 19981.2-2005, ISO 3175-2.1998, MOD)

of one leg to the bottom of the other leg via the crotch;

d) width at waist;

e) width at bottom of leg;

f) width of leg halfway between crotch and bottom of leg, i.e. knee (omit if leg length is short);

g) Thigh. across measure along the direction perpendicular to the trouser length from the bottom of crotch to the side edge of trouser.

h) Trouser length. along side seam, measure from waist upper-mouth to the foot-mouth, smoothly and vertically.

7.2.3 Boiler suits, coveralls, bib and brace overalls, combinations and one-piece swimsuits

Combine the jacket and trouser categories and, where applicable, replace the measuring positions given in 7.2.1 as follows.

- c) length from centre-front neck to crotch seam or end of opening.
- d) length from centre-back neck to crotch.

7.2.4 Skirts

The measuring positions shall be as follows.

- a) length from waist to bottom hem, excluding the waistband if present, taken at centre-front and centre-back;
- b) width at waistband;
- c) width at not less than three approximately equidistant points below the top edge, or below the bottom edge of the waistband, if present.

8 Flat made-up textile articles

Follow the procedure described in 7.1, using the following measuring positions.

- a) overall length;
- b) overall width.

NOTE 1: Heavy drapes can stretch during hanging and shrink during washing. Methods for assessing

dimensional change do not, in general, include dimensional changes occurring under tension.

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