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

中华人民共和国国家标准

GB/T 8630-2013

Replace GB/T 8630-2002

**Textiles—Determination of dimensional change in
washing and drying**

纺织品 洗涤和干燥后尺寸变化的测定

(ISO 5077: 2007, MOD)

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**Standardization Administration of the People's Republic of
China**

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Foreword

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

This standard will replace GB/T 8630-2002 *Textiles--Determination of dimensional change in washing and drying*, comparison with GB/T 8630-2002, main technical changes of this Standard are as follows:

- Suggested quantity of specimens is revised (see 6.2, 6.2 in Edition 2002);
- Annex “confidence limit of average dimensional change of textile” is deleted (see Annex A in Edition 2002).

This standard is revised according to new Drafting Law and adopts ISO 5077: 2007 *Determination of Textile Dimensional Change in Washing and Drying* (in English).

Differences between this standard and ISO 5077:2007 mainly lie in:

- Foreword of international standard is deleted;
- International Standards in normative references are replaced by corresponding national standards.
- Code D of dimensional change in calculation formula is added (see 8.1).
- Average value of dimensional change is changed to be 0.1% from 0.5%.

This standard is proposed by China National Textile And Apparel Council.

This standard is under the jurisdiction of Technical Sub-committee of Basic Standard of the National Technical Committee on Textile Standardization (SAC/TC 209/SC 1).

Drafting units of this standard: Standardization Institute for Textile Industry, Shanghai Textile Industry Institute of Technical Supervision and Zhongshan Entry-Exit Inspection and Quarantine.

Main drafters of this standard: Jiang Huixia, Chen Xiaocheng, Wang Jingli

This standard replaces the following historical editions issued:

- GB/T 8630-1988, GB/T 8630-2002.

Textiles—Determination of dimensional change in washing and drying

1 Scope

This standard specifies a method for the determination of the dimensional change of fabrics, garments or other textile articles when subjected to an appropriate combination of specified washing and drying procedures.

This standard is applicable to textile fabrics, clothing as well as other textile products

In the case of textile articles or deformable materials, it is necessary to exercise all possible caution in the interpretation of the results.

2 Normative references

The articles contained in the following documents have become 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 6529 Textiles—Standard atmospheres for conditioning and testing (GB/T 6529-2008, ISO 139:2005 MOD)

GB/T 8628 Textiles-Domestic washing and drying procedures for textile testing (GB/T 8628-2001, ISO 3759:2011, MOD)

GB/T 8629 Textiles-Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change (GB/T 8629-2001, eqv ISO 6330:200)

3 Principle

The specimen is conditioned in the specified standard atmosphere and measured before subjection to the appropriate washing and drying procedures. After drying, conditioning and remeasuring of the specimen, the changes in dimensions are calculated.



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