



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

GB/T 3903.13-2020

Footwear - Test methods for outsoles - Dimensional stability

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard replaces GB/T 3903.13-2005 "Footwear - Test methods for outsoles - Dimensional stability"; compared with GB/T 3903.13-2005, the major technical changes are as follows:

- Modify normative references; use ISO standards to replace EU standards (see Chapter 2; Chapter 2 of version 2005);
- Modify the definition of dimensional stability and add a note (see 3.1; 3.1 of version 2005);
- Modify the test report requirements (see Chapter 8; Chapter 8 of version 2005);

The translation method used in this Standard is equivalent to ISO 20873:2018 "Footwear - Test methods for outsoles - Dimensional stability".

The documents of our country that have a consistent correspondence with the international documents that are referenced in this Standard are as follows:

- GB/T 2941-2006 Rubber - General procedures for preparing and conditioning test pieces for physical test methods (ISO 23529:2004, IDT)

-- GB/T 22049-2019 Footwear - Standard atmospheres for conditioning and testing of footwear and components for footwear (ISO 18454:2018, IDT)

-- GB/T 22050-2008 Footwear - Sampling location preparation and duration of conditioning of samples and test pieces (ISO 17709:2004, IDT)

For convenience of use, this Standard makes the following editorial changes:

-- Add a note to the clause (see Clause 7), "Note: According to customer needs, it can be noted, after the test result, that the sample change is shrinkage or extension".

305 on Footwear of Standardization Administration of China (SAC/TC 305).

Footwear - Test methods for outsoles - Dimensional stability

1 Scope

This Standard specifies the method for determining the linear change rate of the dimensions after heating of footwear outsole materials.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this document. For undated references, the latest edition (including all amendments) applies to this document.

ISO 17709 Footwear - Sampling location, preparation and duration of conditioning of samples and test pieces

ISO 18454 Footwear - Standard atmospheres for conditioning and testing of footwear and components for footwear

ISO 23529 Rubber - General procedures for preparing and conditioning test pieces for physical test methods

3 Terms and definitions

The following terms and definitions are applicable to this document.

3.1

Dimensional stability

Change in the distance between two reference points on a test piece before and after heating under specified conditions.

Note: This rate of change is expressed as a percentage.

4 Test equipment and materials

The following equipment and materials shall be used:

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