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

GB/T 3903.37-2008

**Footwear -- Test methods for insoles and insoles -- Static
friction**

鞋类 衬里和内垫试验方法 静摩擦力

(English Translation)

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Foreword

This Part of GB/T 3903 identically adopts the International Standard ISO 22653.2003

"Footwear - Test methods for lining and insoles - Static friction" (English version).

For easy use, this Part has the following editorial modifications.

- a) "this International Standard" is modified into "this Part";
- b) USE the decimal point "." to replace the comma "," used as decimal point;
- c) DELETE the foreword of the International Standard;
- d) DELETE the table of content of the International Standard;
- e) for the EU standards referenced in ISO 20865.2002, this Part directly reference the corresponding national standards;
- f) DELETE the annex of the International Standard;
- g) CHANGE the unit in the International Standard INTO China's legal unit of measurement.

This Part was proposed by China Light Industry Council.

This Part shall be under the jurisdiction of National Technical Committee on Footwear of Standardization Administration of China.

Drafting organizations of this Part. Putian Huafeng Footwear Co., Ltd., China Leather

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Footwear - Test methods for lining and insoles -
Static friction

1 Scope

This Part of GB/T 3903 specifies two methods of assessing the frictional properties of lining and insoles.

This Part is applicable to all kinds of lining and insoles of footwear.

2 Normative references

The provisions in following documents become the provisions of this Part through reference in this Part of GB/T 3903. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Part, however, parties who reach an agreement based on this Part are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 22049 Footwear - Standard atmospheres for conditioning and testing of footwear and components for footwear

3 Terms and Definitions

For the purposes of this Part of GB/T 3903, the following terms and definitions apply.

3.1

coefficient of static friction (μ_S)

The ratio of the force necessary to cause the tangential separation of two stationary surfaces to the perpendicular force acting upon the two surfaces.

3.2

coefficient of kinetic friction (μ_K)

The ratio of the force necessary to maintain a constant velocity between two surfaces

in contact to the perpendicular force acting upon the two surfaces.

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