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

GB/T 3903.24-2008

Footwear -- Test methods for heels -- Heel pin holding strength

鞋类 鞋跟试验方法 持钉力

(English Translation)

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Foreword

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

19957.2004 Footwear - Test methods for heels - High pin holding strength and

Cor. 1.2005 (E). They are exactly identical in technical content. This Part of GB/T 3903 only makes the following editorial modifications.

a) modified "this European Standard" to "this Part of GB/T 3903" (Translator

Note: Original text in Chinese is European Standard);

b) used decimal point "." to replace ",", which was used as decimal point;

c) deleted the foreword of ISO 19957.2004;

d) deleted the table of contents of ISO 19957.2004;

e) merged technical errors Cor. 1.2005 (E) of ISO 19957.2004 into this Part, and used double solid line to mark on the right side;

f) directly used a national standard as reference which is corresponding to the EN standard that was used as reference in ISO 19957.2004;

g) modified "complying with the requirements of EN 7500-1 class 2" to "complying with the requirements of GB/T 16825.1 class 2" in 4.1;

h) for easy use, added Annex A to make graphical representation to the structure and dimensions of standard heel pin.

Annex A of this Part is informative.

This Part was proposed by China Light Industry Association.

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

The drafting organizations of this Part. China Institute of Leather and Footwear Industry, Giant Kang Footwear Company Limited.

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Footwear - Test methods for heels -

High pin holding strength

1 Scope

This Part of GB/T 3903 specifies a test method for measuring the force required to pull a single heel pin out of a heel. This test method can be used to measure the heel pin holding strength of heel materials by using a standard heel pin and a method of insertion, or it can be used to assess the heel nailing of commercial production.

This Part is applicable to testing plastics and wooden heels for women's footwear.

Heels composed of layers of fiberboard or leather and low plastics heels for men's footwear cannot be tested by this Part.

2 Normative references

The following standards contain the provisions which, through reference in this Part of GB/T 3903, constitute the provisions of this Part. For dated references, subsequent amendments (excluding corrections) or revisions do not apply to this Part. However, the parties who enter into agreement based on this Part are encouraged to investigate whether the latest versions of these documents are applicable. For undated reference documents, the latest versions apply to this

Part.

GB/T 16825.1 Verification of static uniaxial testing machines-Part

1 Tension/compression testing machines - Verification and calibration of the

force-measuring system (GB/T 16825.1-2002, ISO 7500-1.1996, IDT);

3 Terms and definitions

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

3.1

heel pin holding strength

force required to pull a standard pin out of the heel material divided by the

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