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

GB/T 3903.43-2019

**Footwear-Test methods for uppers, lining and insoles-Seam
strength**

鞋类 帮面、衬里和内垫试验方法 缝合强度

(English Translation)

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Foreword

This Part of GB/T 3903 identically adopts the International Standard ISO 17697.2003 "Footwear - Test methods for uppers, lining and insoles - Seam strength" (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 17697.2003, this Part directly reference the corresponding national standards;
- f) DELETE the annex of the International Standard;

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.

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Footwear - Test methods for uppers, lining and

insocks - Seam strength

1 Scope

This Part of GB/T 3903 specifies two test methods for determining the seam strength of uppers, lining or insocks, in order to assess the suitability for the end use.

This Part is applicable to various kinds of uppers, lining and insocks of footwear.

Two methods are.

- Method A. Needle perforations. For determining the force required to pull a row of needles through an upper material, in a direction perpendicular to the row.
- Method B. Stitched seams. For determining the breaking strength of stitched seams in shoe upper and lining materials. This method is applicable to seams cut from shoes or made up to simulate footwear constructions.

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 16825.1-2008 Metafile materials - Verification of static uniaxial testing machines - Part 1. Tension/compression testing machines - Verification and calibration of the force-measuring system (ISO 7500-1 2004, IDT)

GB/T 22049 Footwear - Standard atmospheres for conditioning and testing of footwear and components for footwear (GB/T 22049-2008, ISO 18454.2001, IDT)

GB/T 22050 Footwear - Sampling location, preparation and duration of conditioning of samples and test pieces (GB/T 22050-2008, ISO 17709.2004, IDT)

3 Terms and definitions '

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