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**TEXTILE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

FZ/T 73031-2009

**Pressure socks
(English Translation)**

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Foreword

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

This standard shall be under the jurisdiction of Technical Subcommittee on Knitwear of the Technical Committee on Textiles of Standardization Administration of China (SAC/TC 209/SC 6).

Chief drafting organizations of this standard. Zhejiang Nai'er Group Co., Ltd., Langsha Knitting Co., Ltd., Zhejiang Jiamengyi Hosiery Co., Ltd., Gaoyao City Gold Coast Knitting Factory Co., Ltd. and National Quality Supervision and Inspection Center of Knitted Products.

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Pressure Socks

1 Scope

This standard specifies pressure socks' terms and definitions, product classification, requirements, test methods, judgment rules as well as product's instructions for use, packaging, transportation and storage.

This standard is applicable to appraise the quality of chemical fiber pressure socks

and pressure socks that are interwoven of cotton (wool and chemical fiber blended yarn) and chemical fiber. Other fiber pressure socks may be referred to this standard.

2 Normative References

The following standards contain the provisions which, through reference in this standard, constitute the provisions of this standard. For dated reference, the subsequent amendments (excluding corrigendum) or revisions of these publications do not apply. However, all parties who reach into an agreement according to this standard are encouraged to study whether the latest edition of these documents is applicable. For undated references, the latest edition of the normative document applies.

GB/T 250 Textiles - Tests for Colour Fastness - Grey Scale for Assessing Change in Colour (GB/T 250-2008, ISO 105-A 02.1993, IDT)

GB/T 251 Textiles - Tests for Colour Fastness - Grey Scale for Assessing Staining (GB/T 251-2008, ISO 105-A 03.1993, IDT)

GB/T 2910 (All Parts) Textiles - Quantitative Chemical Analysis

GB/T 2912.1 Textiles - Determination of Formaldehyde - Part 1.Free and Hydrolized Formaldehyde (Water Extraction Method)

GB/T 3920 Textiles - Tests for Colour Fastness - Colour Fastness to Rubbing (GB/T 3920-1997, eqv ISO 105-X 12.1993)

GB/T 3921 Textiles - Tests for Colour Fastness - Colour Fastness to Washing with Soap or Soap and Soda (GB/T 3921-2008, ISO 105-C10.2006, MOD)

GB/T 3922 Textiles - Testing Method for Colour Fastness to Perspiration (GB/T 3922-1995, eqv ISO 105-E 04.1994)

GB/T 4856 Package of Cotton Goods and Knitwear

GB 5296.4 Instructions for Use of Products of Consumer Interest - Instructions for Use of Textiles and Apparel

GB/T 5713 Textiles - Tests for Colour Fastness - Colour Fastness to Water (GB/T 5713-1997, eqv ISO 105-E 01.1994)

GB/T 7573 Textiles - Determination of pH of the Aqueous Extract (GB/T 7573-2002, ISO 3071.1980, MOD)

GB/T 8170 Rules of Rounding off for Numerical Values & Expression and Judgment of Limiting Values

GB 18401 National General Safety Technical Code for Textile Products

GSB 16-2159-2007 Knitwear Standard Depth Scale (1/12)

FZ/T 01053 Textiles - Identification of Fiber Content

FZ/T 01057 (All Parts) Test Method for Identification of Textile Fibers

FZ/T 01095 Textile - Test Method of Elastane Fiber Content

3 Terms and Definitions

For the purpose of FZ/T 73031-2009, the following terms and definitions apply.

3.1

Pressure socks

The socks, with the pressure (mmHg) in the gradient decrease from the ankle to the sock top, which gives people a sense of pressure when wearing and a sense of relaxation during the movement.

4 Product Classification

The pressure socks, according to materials, are divided into pressure socks that are woven of elastic nylon yarn (polyester yarn)/core-spun spandex yarn, pressure socks that are woven of cotton (wool and chemical fiber blended yarn)/core-spun spandex yarn, and pressure socks of chemical fiber/other fiber.

3 Sole length of open-toe pressure socks is beyond the scope of the assessment.

Table 5 Specification, Dimension and Tolerance for Over-knee Middle-leg Pressure Socks Woven of Cotton (Wool and Chemical Fiber Blended Yarn)/Core-spun Spandex Yarn In mm
Size Sole length

Tolerance of

sole length

Total length

Top height

Top

width

Tolerance for

top width

22-24 19

± 1.57 3 13.5 ± 1

24-26 21

26-28 23

28-30 25

Notes.

1 The total length prevails when the middle and high parts of the top are aligned to the corresponding pressure test

point and the pressure socks are covered on the model leg.

2 If customers put forward additional requirements for the specification and dimension, customer requirements shall

prevail.

3 Sole length of open-toe pressure socks is beyond the scope of the assessment.

Table 6 Specification, Dimension and Tolerance for Long Pressure Socks Woven of Cotton (Wool and Chemical Fiber Blended Yarn)/Core-spun Spandex Yarn In mm

Size Sole length Tolerance of sole length Total length $\geq$ Top height $\geq$

Top

width

Tolerance for

top width

22-24 19