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

FZ/T 73012-2017

Brassiere
(English Translation)

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1 Scope

This Standard specifies the terms and definitions, models and specifications, requirements, tests, judgment rules, product instructions, packaging, transportation and storage of brassiere.

This Standard is applicable to the quality assessment of brassiere made with warp and weft knitted fabrics as the main fabrics.

2 Normative references

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

GB/T 250, Textiles -- Tests for colour fastness -- Grey scale for assessing change in colour

GB/T 2910 (all parts), Textiles -- Quantitative chemical analysis

GB/T 2912.1, Textiles -- Determination of formaldehyde -- Part 1.Free and hydrolyzed formaldehyde (water extraction method)

GB/T 3920, Textiles -- Tests for colour fastness -- Colour fastness to rubbing

GB/T 3921-2008, Textiles -- Tests for colour fastness -- Colour fastness to washing with soap or soap and soda

GB/T 3922, Textiles -- Tests for colour fastness -- Colour fastness to perspiration

GB/T 4856, Package of cotton goods and knitwear

GB/T 5296.4, Instructions for use of products of consumer interest -- Part 4. Textiles and apparel

GB/T 5713, Textiles -- Tests for colour fastness -- Colour fastness to water

GB/T 7573, Textiles -- Determination of pH of aqueous extract

GB/T 17592, Textiles -- Determination of the banned azo colourants

GB 18401, National general safety technical code for textile products

GB/T 29862, Textiles -- Identification of fiber content

FZ/T 01026, Textiles -- Quantitative chemical analysis -- Multinary fiber mixtures

FZ/T 01057 (all parts), Textile fiber identification test methods

FZ/T 01095, Textile -- Test method of elastane fibre content

GSB 16-2159, Knitted product standard depth sample card (1/12)

GSB 16-2500, Color sample photos of knitted fabric surface defects

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

bust girth

The largest horizontal measurement around the fullest part of the breast when the breast is naturally lifted while wearing a well-fitting, single-layer, unpadded, unsupported brassiere.

3.2

underbust girth

The size of the breast measured around the base of the breast.

3.3

brassiere cup

The part of a brassiere that covers the breasts.

3.4

under border

The part that a brassiere covers the underbust girth part.

3.5

lateral wing

The part that a brassiere covers the breasts, armpits and back.

4.1 Models

4.1.1

The type is indicated by the brassiere cup code. The size is indicated by the number of centimeters of underbust girth. For example, A75 or 75A indicates a cup type of A, with a underbust girth of 75 cm.

4.1.2 The brassiere cup code indicates the difference between the bust girth and

underbust girth of the appropriate human body, see Table 1.

4.1.3 The base size of the underbust girth is 75 cm. The sizes are divided into different sizes in 5 cm increments, increasing or decreasing in sequence.

4.2 Specifications

4.2.1

The names of the various parts of the brassiere are shown in Annex A. The specifications of the measurement parts and regulations are shown in Table 2 and Figure

1 (the style in Figure 1 is only an example).

4.2.2

The dimensions are measured from the left side of the product.

5 Requirements

5.1

Requirements are divided into intrinsic quality and appearance quality. Intrinsic quality includes fiber content, formaldehyde content, pH value, odor, degradable carcinogenic aromatic amine dyes, color fastness to water, color fastness to soap washing, color fastness to rubbing, color fastness to perspiration, etc. Appearance quality includes specifications and size deviation, size difference of symmetrical parts, surface defects, etc.

5.2 Grading regulations

5.2.1

Brassieres are divided into superior products, first-class products and qualified

6.1.1 Specimen preparation

Intrinsic quality test samples shall be taken from finished products. If the finished product size is insufficient, samples can be taken from the same batch of fabrics (including lining and interlining) of the same batch of products. The samples shall not have defects that affect the test results.

6.1.2.1 Fiber content

It shall be implemented in accordance with the provisions of FZ/T 01057 (all parts), GB/T 2910 (all parts), FZ/T 01026 and FZ/T 01095.

6.1.2.2 Formaldehyde content

According to GB/T 2912.1.

6.1.2.3 pH value

According to GB/T 7573.

6.1.2.4 Odor

According to GB 18401.

6.1.2.5 Decomposable carcinogenic aromatic amine dyes

According to GB/T 17592.

6.1.2.6 Color fastness to water

It shall be carried out in accordance with the provisions of GB/T 5713. When it is impossible to take a whole specimen from the finished product for one test and there is no fabric from the same batch, a 4 cm x 5 cm specimen may be taken and sewn together with a lining of the same size for separate tests.

6.1.2.7 Color fastness to washing with soap

The test conditions A(1) of GB/T 3921-2008 shall be followed. If it is not possible to take a whole specimen from the finished product for one test and there is no fabric from the same batch, a 4 cm x 5 cm specimen may be taken and sewn together with a lining of the same size for separate tests.

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