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FZ

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

FZ/T 73019.2-2020

**Knitted shape underwear - Figured-style
(English Translation)**

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1 Scope

This Standard specifies the terms and definitions, product classification, product size, requirements, test methods, sampling rules, determination rules, product use instructions, packaging, transportation and storage of figured-style knitted shape underwear.

This Standard applies to the quality identification of figured-style knitted shape underwear products made of warp knitted and weft knitted fabrics as the main materials.

This Standard does not apply to infants and children's clothing aged 14 and below.

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 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 8629-2017 Textiles - Domestic washing and drying procedures for textile testing

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

GB/T 38015 Textiles - Quantitative chemical analysis - Mixtures of elastane and certain other fibers

FZ/T 01026 Textiles - Quantitative chemical analysis - Multinary fibre mixtures

FZ/T 01057 (all parts) Test method for identification of textile fibers

FZ/T 70006 Stretch and recovery testing method for knits

FZ/T 73012 Brassiere

FZ/T 80002 Marking, packaging, transportation and storage for garments

GSB 16-2159 Standard depth sample card for knitted products (1/12)

GSB 16-2500 Defect appearance replicas of knitted fabric

3 Terms and definitions

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

3.1

knitted shape underwear - figured-style

Underwear that pulls or constrains specific parts of the human body to maintain or adjust the shape of specific parts of the human body.

4 Product classification

According to the function, it can be divided into reshaping knitted shape underwear and light-shaping knitted shape underwear. Reshaping knitted shape underwear generally has supporting parts and its traction or restraint effect is relatively strong; light-shaping knitted

shape underwear is generally made of high elastic fabric and its traction or restraint effect is relatively weak.

5 Product size

The size is indicated by the cup code, the chest circumference (underbust grith) suitable for the human body, the waist circumference, and the height (in centimeters). The definition of the cup code and underbust grith shall be implemented in accordance with the provisions of FZ/T 73012. The specific provisions are as follows.

a) Shaping brassiere (Figure 3). mark the cup code and underbust grith.

Example.

B75, indicating a B-type cup, and underbust grith of 75 cm.

b) One-piece shaping garment with cups (Figure 4)/one-piece shaping dress with cups (Figure 5). mark the height, cup code, underbust grith, and waist circumference in sequence, and the height is separated from the cup code and waist circumference by "/".

Example.

160/B75/64, indicating a height of 160 cm, B-type cup, underbust grith of 75 cm and waist circumference of 64 cm.

c) Shaping panty (Figure 6)/waist cincher (Figure 7)/short shaping skirt (Figure 8).

mark the waist circumference.

Example.

64, indicating a waist circumference of 64 cm.

d) Back-supporting garment/shaping garment (Figure 9). mark the waist circumference.

Example.

64, indicating a waist circumference of 64 cm.

e) One-piece back-supporting garment/one-piece shaping garment (Figure 10)/one-piece shaping dress (Figure 11). mark the height, chest circumference and waist circumference, with "/" separating height, chest circumference and waist circumference.

Example.

160/75/64, indicating a height of 160 cm, chest circumference of 75 cm and waist circumference of 64 cm.

6.3.4 Sewing regulations

6.3.4.1

The tightness of all stitches shall be appropriate to ensure that they are not broken after stretching.

6.3.4.2

Elastic sewing threads should be used for flat seams and overlock seams.

7.1.1 Color fastness to washing with soap or soap and soda

Implement according to the provisions of test method A(1) in GB/T 3921-2008.

7.1.2 Color fastness to water

Implement according to the provisions of GB/T 5713.

7.1.3 Color fastness to perspiration

Implement according to the provisions of GB/T 3922.

7.1.4 Color fastness to rubbing

Implement according to the provisions of GB/T 3920, only vertical direction.

7.1.5 Fiber content

Implement according to the provisions of GB/T 2910 (all parts), FZ/T 01057 (all parts), FZ/T 01026, GB/T 38015.

7.1.6 Tensile elastic recovery rate

The test is carried out in accordance with the provisions of "Determination of single tensile elastic recovery rate and plastic deformation rate under fixed force value" in

FZ/T 70006. The fixed load value is 35 N, the pre-tension is 1 N, and 3 specimens are taken. The sampling positions of the specimens are respectively in the length direction and the circumference direction of the finished product. The effective size is 10 cm x 5 cm. The specimen can include the sewing seam, which shall be located in the middle of the length direction of the specimen, and the sewing seam shall be perpendicular to the length direction of the specimen, as shown in Figure 1. The test result is the average value of the 3 specimens.