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**General technical specification for professional
clothing**

职业服装通用技术规范

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General technical specification for professional clothing

1 Scope

This Standard specifies the general technical requirements, test methods, inspection rules, marking, packaging, transportation and storage of professional clothing.

This Standard applies to professional clothing of mass production.

2 Normative references

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

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

GB/T 1335.1, Standard sizing systems for garments - Men

GB/T 1335.2, Standard sizing systems for garments - Women

GB/T 3917.2, Textile - Tear properties of fabrics - Part 2: Determination of tear force of trouser-shaped test specimens (Single tear method)

GB/T 4802.1-2008, Textiles - Determination of fabric propensity for fuzzing and pilling - Part 1: Circular locus method

GB/T 4802.3-2008, Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 3: Pilling box method

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

GB/T 6411, A series of size of knitted underwear

GB/T 8427-2008, Textiles - Tests for color fastness - Color fastness to artificial light: Xenon arc fading lamp test

GB/T 8629-2017, Textiles - Domestic washing and drying procedures for textile testing

GB/T 8630, Textiles - Determination of dimensional change in washing and drying

GB/T 15557, Standard terminology relating to apparel

GB 18401, National general safety technical code for textile products

GB/T 19976-2005, Textiles - Determination of bursting strength - Steel ball method

GB/T 21294, Testing methods of physical and chemical performance of garments

GB/T 21295-2014, Requirements of physical and chemical performance of garments

GB/T 22701, Rules of testing and inspection for professional clothing

GB/T 29862, Textiles - Identification of fiber content

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

FZ/T 80007.3, Dry wash resistance test method for garments used adhesive interlining

3 Terms and definitions

Terms and definitions determined by GB/T 15557 are applicable to this document.

4 General technical requirements

4.1 Instructions for use

4.1.1 The instructions for use of professional clothing shall comply with the provisions of GB/T 5296.4.

4.1.2 The identification mark shall reflect its professional attributes and characteristics.

4.2 Size specifications

4.2.1 The size setting of professional clothing shall meet the requirements of GB/T 1335.1, GB/T 1335.2 or GB/T 6411.

4.2.2 The specifications of main parts shall be designed according to the relevant regulations of GB/T 1335.1, GB/T 1335.2 or GB/T 6411.

the measured object; visually inspect at a distance of 60 cm; compare with the sample card of GB/T 250.

5.3 Determination of physical and chemical properties

5.3.1 Test the washing dimensional change rate in accordance with the provisions of GB/T 8630; use GB/T 8629-2017, A-type standard washing machine; set the washing program of 4G; for those that express washing by hand, set the washing program of 4H; for the drying method, use program A. Test the dimensional change rate after dry cleaning in accordance with FZ/T 80007.3; use the mild dry cleaning method. For the dimensional change rate after washing, randomly select three finished products in the batch for testing; take the average value of the three products as the test result. If the test result includes shrinkage and elongation at the same time, take the average of the two samples of shrinkage or elongation as the test result. For the dimensional change rate of the woven fabrics, mark according to the corresponding measuring part; for the dimensional change rate of knitted fabrics, take the coat length and the chest circumference as the vertical and horizontal measuring parts. Take the trousers length and the crotch (measure from the bottom of the crotch in a direction perpendicular to the length of the trousers to the side of the trousers) as the vertical and horizontal measuring parts; take the average value of left and right crotch as the calculation basis in horizontal direction.

5.3.2 Test the lightfast color fastness in accordance with GB/T 8427-2008, of which the exposure is exposed to phase-I according to method 3.

5.3.3 Test the fuzzing and pilling performance of the finished product in accordance with the provisions of GB/T 4802.1-2008, in which the combed woven fabrics and ordinary knitted fabrics are executed according to method E; the loose-structure combed woven fabrics and carded woven fabrics are executed according to method F; the rest of the woven fabrics are executed according to Method D. Wool knitwear and wool-like knitwear are implemented in accordance with the provisions of GB/T 4802.3-2008; turn the combed product 14 400 r; turn the carded product 7 200 r.

5.3.4 Test the tear strength in accordance with GB/T 3917.2.

5.3.5 Test the burst strength in accordance with GB/T 19976-2005; the diameter of the steel ball shall be (38 ± 0.02) mm.

5.3.6 For the appearance test method after washing, wash and dry the samples by 5.3.1; then, combine with the requirements in Table 1, and assess according to the assessment method in GB/T 21294.

5.3.7 For other items of physical and chemical properties, test in accordance with GB/T 21294. Among them, chose the single-fiber lining for the arbitration

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