

ICS 59.080.30
CCS Y 76

FZ

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

FZ/T 74007-2019

**UV-protective light weight outdoor clothing
(English Translation)**

Issued on: May 2, 2019

Implemented on: November 1, 2019

Issued by: Ministry of Industry and Information Technology of PRC

Table of Contents

Foreword...	3
1 Scope...	4
2 Normative references...	4
3 Terms and definitions...	5
4 Requirements...	6
5 Test methods...	12
6 Inspection rules...	14
7 Marking, packaging, transportation and storage...	22

1 Scope

This standard specifies the terms and definitions, requirements, test methods, test rules, marking, packaging, transportation and storage of UV-protective light weight outdoor clothing.

This standard applies to UV-protective light weight outdoor clothing made primarily of lightweight textile fabrics.

This standard does not apply to skin jackets for infants and young children aged 36 months and under.

2 Normative references

The following documents are essential for the application of this document. For any dated reference, only the version corresponding to that date applies to this document;

for any undated reference, the latest version (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(all parts) Standard sizing systems for garments

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

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

GB/T 4841.3 Colour cards of standard depths for dyeing with dyestuffs 2/1, 1/3,

1/6, 1/12, 1/25

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

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 12704.1-2009 Textiles - Test method for water-vapour transmission of fabrics - Part 1. Desiccant method

GB/T 14801 Test method for skewness and bow in woven and knitted fabrics

GB/T 15557 Standard terminology relating to apparel

GB 18401 National general safety technical code for textile products

GB/T 18830 Textiles - Evaluation for solar ultraviolet radiation protective properties

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 29862 Textiles - Identification of fiber content

GB 31701 The safety technical code for infants and children textile products

GB/T 31702 Testing method for sharpness of attached components on textile products

GB/T 31907 Method of garment measurement

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

FZ/T 80004 Rule for garments delivery inspection

3 Terms and definitions

The terms and definitions defined in GB/T 15557 and the following terms and definitions apply to this document.

3.1 UV-protective light weight outdoor clothing

Outdoor clothing made primarily of textile fabrics, with UV protection and a single-layer fabric conditioned weight per square meter (or the sum of the conditioned weights per square meter of multiple layers of fabric) not exceeding 60 g/m².

3.2 fluorescent color

A color named based on the characteristic, whose dyes or pigments absorb and strongly emit light in the visible light region and emit the fluorescence to exhibit the color.

4.1 Instructions for use

Instructions for use are in accordance with GB/T 5296.4 and GB 31701.

4.2 Size and specifications

4.2.1

The size setting shall be in accordance with GB/T 1335.

4.2.2

The specifications of the main parts shall be designed by the user in accordance with the relevant provisions of GB/T 1335.

4.3.1 Fabrics

Fabrics that meet the relevant quality requirements of this standard shall be used.

4.3.2.1 Lining, decorative lace, pocket bag

The lining, decorative lace, and pocket bag shall be appropriate for the performance of the fabric used, and their quality shall meet the relevant provisions of this standard.

4.3.2.2 Sewing threads, cords, elastic bands

Sewing threads, cords, and elastic bands (excluding decorative threads and decorative strips) shall be appropriate for the properties of the fabrics and accessories used.

4.3.2.3 Buttons, zippers and other accessories

Buttons (excluding decorative buttons), zippers, and other accessories shall be appropriate for the fabric used. Buttons, decorative buttons, zippers, and other accessories shall have smooth surfaces, free from burrs, defects, flaws, and accessible sharp points and sharp edges. Zippers shall engage well and slide smoothly.

NOTE: Accessible sharp points and sharp edges refer to sharp edges and points on the finished product that may cause injury to human skin under normal wearing conditions.

4.4 Warp and weft yarn direction

The yarn skewness of the top collar, body, and sleeves shall not exceed 3%. The hem of the front shall not curl up.

4.5 Matching stripes and plaids

4.5.1

Fabrics with obvious stripes or plaids of 1.0 cm or more shall be handled in accordance with the provisions of Table 1.

Table 1

4.5.2

For a fabric that has obvious stripes or plaids of 0.5 cm~1.0 cm (excluding 1.0 cm), the stripes and plaids shall be matched respectively between the pocket and the front, with a mutual difference of no more than 0.2 cm, except for special designs.

4.5.3

For special patterned fabrics, the main pattern shall prevail and the entire fabric shall be uniform in the same direction.

4.6 Color difference

The color difference between the top collar and the front of the finished product shall be higher than Level 4, while the color difference of other surface parts shall not be lower than Level 4, except for special designs.

4.7 Appearance defects

The permissible degree of defects in each part of the finished product is specified in

Table 2. The division of each part of the finished product is shown in Figure 1. Only one type of defect within the permissible degree is allowed in each part. Defects not listed in this standard are classified according to their morphology, and then the requirements for similar defects in the table can be a reference.

Table 3

4.8.2 The seam allowance for each part shall not be less than 0.8 cm (except for special processes such as collar, pocket, closure, and front edge); the sewing stitches shall be straight, neat, flat and firm; the tension of the top and bottom threads shall be appropriate, with no skipped stitches or broken stitches, and the backstitch at the start and end of the stitch shall be firm.

4.8.3 The seams of sleeves, cuffs, pockets, garment pieces, hats, etc., shall be symmetrical, flat, and without skewing.

4.8.4 The collar shall be properly attached, flat, and the top collar shall be appropriately tight and not curl up.