

Translated English of Chinese Standard: FZ/T81008-2021
www.ChineseStandard.net → Buy True-PDF → Auto-delivery.
Sales@ChineseStandard.net

FZ

TEXTILE INDUSTRY STANDARD OF
THE PEOPLE'S REPUBLIC OF CHINA

ICS 61.020

Y 76

FZ/T 81008-2021

Replacing FZ/T 81008-2011

Jackets

茄克衫

Issued on: April 19, 2021

Implemented on: July 01, 2021

Issued by: Ministry of Industry and Information Technology of the PRC

Table of Contents

Foreword.....	3
1 Scope.....	6
2 Normative References	6
3 Requirements	7
4 Inspection Method	16
5 Inspection Rules	18
6 Marking, Packaging, Transportation and Storage	24

Jackets

1 Scope

This Standard specifies the requirements, inspection methods, inspection rules, marking, packaging, transportation and storage of jackets.

This Standard is applicable to jackets produced with textile woven fabric as the main fabric.

This Standard is not applicable to clothing for infants and young children aged 36 months and below.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) is applicable to this document.

GB/T 250 Textiles - Tests for Colour Fastness - Grey Scale for Assessing Change in Colour

GB/T 1335 (all parts) Size Designation of Clothes

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 4802.1-2008 Textiles - Determination of Fabric Propensity to Surface Fuzzing and to Pilling - Part 1: Circular Locus Method

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 5711 Textiles - Tests for Colour Fastness - Colour Fastness to Dry-Cleaning Using Perchloroethylene Solvent

GB/T 8427-2019 Textiles - Tests for Colour Fastness - Colour Fastness to Artificial Light: Xenon Arc

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 14801 Test Method for Skewness and Bow in Woven and Knitted Fabrics

GB 18401 National General Safety Technical Code for Textile Products

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 Fibre Content

GB/T 31127-2014 Textiles - Tests for Colour Fastness - Colour Fastness to Transfer in Joints

GB 31701 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 Garment Delivery Inspection

FZ/T 80007.1 Test Method of Peeled Off Strength Value for Garments Used Adhesive Interlining

FZ/T 80007.3 Dry Wash Resistance Test Method for Garments Used Adhesive Interlining

Sample photos of appearance defects in men's and women's lined and cotton garments; as well as male and female children's lined garments.

3 Requirements

3.1 Instructions for use

The instructions for use are in accordance with the provisions of GB/T 5296.4 and GB 31701.

3.2 Size designation

3.2.1 The size setting shall be in accordance with the provisions of GB/T 1335.

3.2.2 The specifications of the main parts are designed by themselves according to the relevant provisions of GB/T 1335.

3.3 Raw materials

3.3.1 Fabric

According to the relevant textile fabric standards, select fabrics that meet the quality requirements of this Standard.

3.3.2 Lining

Use lining that is suitable for the used fabric and meets the quality requirements of this Standard.

3.3.3 Auxiliary materials

3.3.3.1 Interlining, shoulder pads, decorative lace, pocket cloth

Use interlinings, shoulder pads, decorative lace, pocket cloth suitable for the performance and colour of the used fabrics and linings, and their quality shall meet the requirements of this Standard.

3.3.3.2 Sutures, cords, elastic bands

Use sutures, cords, and elastic bands that are suitable for the performances of the used fabrics, linings, and auxiliary materials (except for decorative threads and decorative ribbons).

3.3.3.3 Buttons, zippers and other accessories

Use buttons (except for decorative buttons), zippers and other accessories that are suitable for the used fabric. Buttons, decorative buttons, zippers and other accessories shall have a smooth surface, no burrs, no damages, no defects, no touchable sharp tips and sharp edges. The zipper meshes well, and slides smoothly.

NOTE: Touchable sharp tips and sharp edges refer to sharp tips and edges on the finished product that may cause damage to human skin under normal wearing conditions.

3.4 Warp and weft directions

4 Inspection Method

4.1 Inspection tools

4.1.1 Steel tape or ruler, the graduation value is 1mm.

4.1.2 Gray scale (GB/T 250) for assessing the discoloration.

4.1.3 Colour cards of standard depths for dyeing with dyestuffs 1/12 (GB/T 4841.3).

4.1.4 Sample photos of appearance defects in men's and women's lined and cotton garments; as well as male and female children's lined garments.

4.2 Specification determination

The measurement method of the main part specifications is in accordance with the provisions of GB/T 31907; and the allowable deviation of the specifications is in accordance with the provisions of Table 4.

4.3 Appearance determination

4.3.1 The appearance inspection generally adopts lighting; the illuminance is no less than 600lx; and northern sky light can also be used if possible.

4.3.2 When determining the degree of chromatic aberration, the yarn direction of the tested part shall be the same; and the northern sky light shall be used to illuminate, or the equivalent light source of 600lx and above shall be used. The incident light and the measured object form an angle of about 45°; and the observation direction shall be perpendicular to the surface of the measured object. The distance is 60cm for visual inspection, which is compared with the sample card specified in GB/T 250.

4.3.3 The allowable extent of appearance defects shall be inspected visually at a distance of 60cm as specified in 3.7. When necessary, use a steel tape or ruler to measure; and compare with the sample photos of appearance defects in men's and women's lined and cotton garments; as well as male and female children's lined garments.

4.3.4 The stitch density is measured at 3cm on the finished sewing stitches (except for thick and thin parts).

4.3.5 The degree of warp and weft yarn skew is measured according to the provisions of GB/T 14801, and the result is calculated according to Formula (1).

$$S = 100d / W \quad \dots\dots\dots (1)$$

Where:

specified in GB/T 21294.

4.4.11 The sharpness of the tips and edges of the accessories shall be tested in accordance with the provisions of GB/T 31702.

4.4.12 Other physical and chemical property items shall be tested according to the provisions of GB/T 21294. Among them, single fibre lining is selected for the arbitration test of colour fastness to soaping, dry cleaning, perspiration, and water. The inspection results of batch products for the degree of seam cracking shall be averaged according to the provisions of GB/T 21294; and the actual measured value shall be taken for a single product.

4.4.13 For the test items that do not mention the sampling location, specimens can be selected from the finished product according to the test needs.

5 Inspection Rules

5.1 Inspection classification

5.1.1 Finished product inspection is divided into exit-factory inspection and type inspection. The timing of the type inspection is based on the actual conditions of the manufacturer or the contractual agreement. It is generally carried out when the production is transferred, resumed after stopping, and the raw materials or processes have major changes.

5.1.2 The exit-factory inspection items shall be in accordance with the provisions of Clause 3, except for 3.11. The exit-factory inspection rules for finished products are in accordance with the provisions of FZ/T 80004.

5.1.3 Type inspection shall be in accordance with the provisions of Clause 3.

5.2 Appearance quality grade and defect classification rules

5.2.1 Appearance quality classification

The quality level of finished products is based on the existence and severity of defects. The single product in the sample is classified by the number of defects and its severity; and the batch grade is classified by the number of grades of the single products in the sample.

5.2.2 Classification of appearance defects

A single product that does not meet the technical requirements specified in this Standard constitutes a defect.

According to the product's non-compliance with this Standard and the degree of

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----