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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 26382-2024

Replacing GB/T 26382-2011

Worsted fabrics

精梳毛织品

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Standardization Administration of the PRC**

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Foreword

This document was issued on 15 March 2024 by the State Administration for Market Regulation; Standardization Administration of the PRC and takes effect on 1 October 2024.

It is a GB/T standard: recommended rather than compulsory, but it is the text a Chinese reviewer applies.

The document runs to 15 pages in translation. The identification, the dates, the table of contents and the clauses reproduced on this page are taken from the standard itself.

It replaces GB/T 26382-2011, which is superseded.

1 Scope

GB/T 26382-2024 is the Chinese product standard for worsted fabrics: the cloth woven from combed wool that suiting, uniform and fine tailoring are made from. It is the counterpart to the woollen fabric standard, and the distinction matters commercially because worsted commands a much higher price and is correspondingly more often misdescribed. The standard sets the classification and grading, the requirements on the fibre content and its tolerance, which is where a blend is checked against its label, the physical requirements including mass per unit area, width, breaking and tearing strength, pilling, abrasion resistance, dimensional change on washing and on dry cleaning and the shrinkage after steam pressing, the colour fastness to light, washing, dry cleaning, water, perspiration and rubbing, the appearance quality and the counting and grading of defects, the limits on

formaldehyde, pH and decomposable aromatic amines, together with the test methods, the inspection rules and the marking, packaging, transport and storage. The 2024 edition replaces GB/T 26382-2011.

This document specifies the technical requirements, inspection rules, and packaging and marking requirements of worsted fabric, and also describes the corresponding test methods.

This document is applicable to the quality identification of worsted wool, and blends and intertexture with a wool and hair content of no less than 30% for use in all types of woven garments.

2 Normative references

The following documents contain requirements which, through reference in this text, constitute provisions 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 3917.2 Textiles - Tear properties of fabrics - Part 2: Determination of tear force of trouser-shaped test specimens (Single tear method)

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

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

GB/T 3923.1 Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method

GB/T 4666 Textiles - Fabrics - Determination of width and length

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 and 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 drycleaning using perchloroethylene solvent

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

GB/T 6152 Textiles - Tests for colour fastness - Colour fastness to hot pressing

GB/T 8170 Rules of rounding off for numerical values & expression and judgement of limiting values

GB/T 8427-2019 Textiles - Tests for color fastness - Color fastness to artificial light: Xenon arc

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

GB/T 12490-2014 Textiles - Tests for colour fastness - Colour fastness to domestic and commercial laundering

GB/T 16988 Quantitative determination for mixtures of special animal fibre and wool

GB 18401 National general safety technical code for textile products

GB/T 23322 Textiles - Determination of surfactant - Alkylphenols and Alkylphenol ethoxylates

GB/T 29862 Textiles - Identification of fiber content

GB 31701 Safety technical code for infants and children textile products

GB/T 33270 Test method for the distortion on the worsted fabric after soaking in water

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

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

FZ/T 01112 Textiles - Quantitative chemical analysis - Mixtures of silk and wool or/and cashmere (method using formic acid and zinc chloride)

FZ/T 20008 Test for the mass per unit area of wool fabric

FZ/T 20009 Determination of the dimensional changes of wool fabrics - Water immersion

FZ/T 20019 Test method for determining the seam slippage of wool woven fabrics

FZ/T 20021 Method for determination of dimensional change of fabrics induced by free stream

FZ/T 70009 Test method for relaxation dimensional change and felting dimensional change to washing of wool textiles

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

GSB 16-2924 Standard sample photos of worsted fabric (smooth surface) pilling

GSB 16-2925 Standard sample photos of worsted fabric (suede) pilling

GSB 16-2926 Standard sample photos of rating of distortion after soaking in water

3 Terms and definitions

No terms and definitions are listed in this document.

4 Technical requirements

4.1 Safety requirements

The general safety specification for worsted fabric shall meet the requirements of GB 18401, and that for worsted fabric used in textile products for infants and children shall also meet the requirements of GB 31701.

4.2 Grading requirements

The quality grade of worsted fabric shall be comprehensively rated on a batch basis according to the inspection results on inherent quality and appearance quality, and shall be determined by the lowest grade of inspection results. The worsted fabric is classified into superior product, first-grade product and acceptable product in terms of the quality grade.

4.3 Rating of inherent quality grade

The internal quality grade of worsted fabric shall be rated in accordance with the requirements specified in Table 1.