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GA

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

GA 365-2009

Replacing GA 365-2009

**Material for police uniform-Combed polyester/cotton and
polyester/cotton/hemp plain
(English Translation)**

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Foreword

The entire technical content of this document is mandatory.

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents" drafting.

This document replaces GA 365-2009 "Interwoven Silk". Compared with GA 365-2009, except for structural adjustment and editorial changes, the main technical the changes are as follows.

- a) The raw material uses new special-shaped functional polyester fiber, which complies with the standard of China Chemical Fiber Industry Association. HX/T 51003.5-2013;
- b) Added a chapter on classification (see Chapter 4);
- c) Added polyester fiber cross-sectional shape, tear strength, appearance flatness after washing, bending length, drip diffusion time, wicking height, Evaporation rate, air permeability, whiteness value, hiding performance, light fastness, perspiration color fastness index (see 5.4, 5.5);
- d) Delete the water diffusion time, water drying rate, and UV protection performance indicators (see 3.4 of the 2009 edition);
- e) Changed the full width, density, fiber content, mass per unit area, breaking strength, total crease recovery angle, washing dimensional change rate, dry Thermal dimensional change rate, triboelectric charge surface density index (see 5.4, 3.4 of the 2009 edition);
- f) Changed the indicator of color fastness to light (see 5.5, 3.5 of the 2009 edition);
- g) Changed the security requirement indicators (see 5.6, 3.6 of the 2009 edition);
- h) Changed appearance defects (see 5.7, 3.7 of the 2009 edition);
- i) Changed Appendix A.

1 Scope

This document specifies the classification, requirements, test methods, inspection rules, signs, packaging, and transportation of combed polyester-cotton and polyester-cotton linen plain fabrics for police use.

and storage.

This document is applicable to the production, inspection, acceptance and ordering of combed polyester-cotton and polyester-cotton linen plain weave fabrics for police use.

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references for documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 250 Gray sample card for color fastness test of textiles for evaluation of discoloration
 GB/T 2910.11 Quantitative chemical analysis of textiles - Part 11: Mixtures of cellulose fibers and polyester fibers (sulfuric acid method) GB/T 2912.1 Determination of formaldehyde in textiles - Part 1: Free and hydrolyzed formaldehyde (water extraction method) GB/T 3819-1997 Determination of crease recovery of textile fabrics Recovery angle method GB/T 3917.3 Tear properties of textile fabrics - Part 3: Determination of tear strength of trapezoidal specimens GB/T 3920 Tests for color fastness of textiles Color fastness to rubbing GB/T 3921-2008 Tests for color fastness of textiles Color fastness to soaping GB/T 3922 Tests for color fastness of textiles Color fastness to perspiration GB/T 3923.1 Tensile properties of textile fabrics - Part 1: Determination of breaking strength and elongation at break (strip method) GB/T 4666 Determination of length and width of textile fabrics GB/T 4668 Determination of Density of Woven Fabrics GB/T 4669-2008 Determination of mass per unit length and mass per unit area of textile woven fabrics GB/T 4802.1-2008 Determination of pilling properties of textile fabrics - Part 1: Circular locus method GB/T 5453 Determination of air permeability of textile fabrics GB/T 6152-1997 Tests for color fastness of textiles Color fastness to heat pressing GB/T 7573 Determination of pH value of textile water extract GB/T 8170 Numerical rounding off rules and expression and determination of limit values GB/T 8424.2 Apparatus evaluation method for relative whiteness of textile color fastness test GB/T 8427-2019 Tests for color fastness of textiles Color fastness to artificial light. Xenon arc GB/T 8628 Preparation, marking and measurement of fabric samples and garments in tests for the determination of dimensional changes in textiles GB/T 8629-2017 Domestic washing and drying procedures for textile testing GB/T 8630 Determination of dimensional change of textiles after washing and drying GB/T 11047 Textile Fabric Snagging Performance Evaluation Mace Hammer Method

GB/T 12703.2-2021 Test methods for electrostatic properties of textiles Part 2: Manual rubbing method GB/T 13769 Textiles Test method for evaluating the smoothness of the appearance of fabrics after washing GB/T 14576 Tests for color fastness of textiles Color fastness to light and perspiration GB/T 15552-2015 Silk fabric test methods and inspection rules