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

GB/T 17392-2026

Replacing GB/T 17392-2008

Fabric for the national flag

国旗用织物

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 17392-2008 "Fabrics for National Flags". Compared with GB/T 17392-2008, the main differences are in structural adjustments and editorial changes. Aside from the modifications, the main technical changes are as follows:

- a) Acrylic fabrics have been removed (see Chapter 1, Chapter 1 of the.2008 edition);
- b) The definition of fabrics used for national flags has been changed (see 3.1,.2008 edition of 3.1);
- c) The requirements for acrylic fibers have been removed, as have the requirements for "yarn count" and "finished product density" (see Chapter 4 of the.2008 edition);
- d) Change "Tearing Strength" to "Tearing Power" and modify the "Tearing Power" requirement for silk fabrics; change "Mass per Unit Area" to... The "unit area quality deviation rate" requirement is shown in Table 1 (Table 1,.2008 edition).
- e) The "tear strength" requirement for national flag fabrics has been added, and the appearance quality requirements have been changed (see Table 1, 4.2 of the.2008 edition);
- f) Added requirements for the color and color difference of fabrics used for the national flag (see 4.2);
- g) Increased requirements for colorfastness of fabrics used for national flags (see 4.3);
- h) The testing methods for national flag fabrics have been changed (see Chapter 5, Chapter 5 of the.2008 edition);
- i) The inspection rules for fabrics used for the national flag have been changed (see Chapter 6, Chapter 6 of the.2008 edition);

j) The requirements for packaging and labeling of national flag fabrics have been changed (see Chapter 7, Chapter 7 of the 2008 edition). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Color Standardization (SAC/TC120). This document was drafted by: Building Materials Industry Technology Supervision and Research Center, Institute of Psychology, Chinese Academy of Sciences, and Beijing Aobotai Technology Co., Ltd. The company, Zhuji Huadu International Textile Industrial City Group Co., Ltd., Zhejiang Qiwan Arts & Crafts Garment Co., Ltd., and Shenzhen Haichuan Industrial Co., Ltd. Limited Liability Company, Beijing Normal University, Wuhan Textile University, Quzhou Daoyuan Textile Technology Co., Ltd., Zhejiang Longyou Jieshite New Materials Co., Ltd. Company, Fusion Stone New Materials (Hebei) Co., Ltd., China National Institute of Metrology. The main drafters of this document are: Wang Huan, Yu Yang, Han Buxin, Sun Xiuru, Zhang Baozhou, He Weiping, Liu Fang, Yuan Jing, Liu Guorong, Cao Genyang, and Wang Yunli. Li Baiqing, Xi Ming, Yu Hong, Dong Boxiong, Huang Guoxing, Wang Yan, Sun Ruoduan, Lu Ligen, Zhang Xiaoxiao. The release history of this document and the document it replaces is as follows:

---First published as GB/T 17392-1998 in 1998, and revised for the first time in 2008;

1 Scope

GB/T 17392-2026 is the Chinese national standard covering the cloth of a national flag made from - the fibre and construction, the colour and its fastness to light, rain and washing, the strength and tear resistance of a fabric that flies in the wind for months. It replaces GB/T 17392-2008, revised with the flagpole standard GB/T 18302-2026. It was issued on 28 January 2026 and has been in force since 1 August 2026, replacing GB/T 17392-2008. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 250 Textiles - Tests for color fastness - Assessment of color change - Gray scale

GB/T 411-2017 Cotton Printed and Dyed Fabrics

GB/T 3917.2 Textiles - Tear properties of fabrics - Part

GB/T 4669-2008 Textiles - Determination of mass per unit length and mass per unit area of woven fabrics

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

GB/T 8430-1998 Textiles - Tests for color fastness - Color fastness to artificial weathering. Xenon arc

GB 12982-2004 National Flag

GB 12983 Standard Sample of National Flag Colors

GB/T 15551-2016 Silk Fabrics

GB/T 17253-2018 Synthetic Fiber Fabrics FZ/T 10010 Marking and Packaging of Pure and Blended Cotton and Chemical Fiber Printed and Dyed Fabrics FZ/T 40007 Silk Fabric Packaging and Marking FZ/T 43012-2013 Nylon Fabrics

3 Terms and Definitions

The terms and definitions defined in GB 12982 and the following terms and definitions apply to this document.

3.1 Polyester, nylon, cotton, silk or other types of fabrics used in making national flags.

4 Requirements

4.1 Basic Requirements for Fabrics Used for National Flags The basic requirements for fabrics used for the national flag are shown in Table 1.