

ICS 13.340.10

CCS c73



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

GB 38453-2019

Protective clothingProtective clothing against heat

防护服装 隔热服

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed and managed by the Ministry of Emergency Management of the People's Republic of China. This standard was drafted. Beijing Institute of Labor Protection Science, Milliken Trading (Shanghai) Co., Ltd., Shaanxi Yuanfeng Textile Technology Research Institute Research Co., Ltd., Zhejiang Lantianhai Textile & Garment Technology Co., Ltd., Shenzhen Youputai Garment Technology Co., Ltd. The main drafters of this standard. Yang Wenfen, Liu Ji, Luo Muxia, Li Shulong, Zhang Ying, Chen Mingqing, Wu Yin. Protective clothing

1 Scope

GB 38453-2019 is the Chinese national standard on protective clothingprotective clothing against heat, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 31 December 2019 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2020. Classification: ICS 13.340.10, CCS c73. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the technical requirements, test methods, inspection rules, identification, packaging and storage of thermal insulation clothing. This standard applies to operators in order to avoid contact heat, convection heat and radiant heat caused by high-temperature heat sources of high-temperature objects in the environment. Injury using protective clothing. This standard does not apply to fire insulation clothing and protective

clothing for molten metal and welding.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 2828.1 Sampling inspection procedures for counts. Part 1. Sampling plan for batch inspections retrieved by acceptance quality limit

GB/T 2912.1 Determination of formaldehyde in textiles-Part 1. Free and hydrolyzed formaldehyde (water extraction method)

GB/T 3917.3 Tear properties of textiles. Part 3. Determination of tearing strength of trapezoidal specimens

GB/T 3920 Textile color fastness test

GB/T 3922 Color fastness test of textiles

GB/T 3923.1 Textiles. Tensile properties of fabrics. Part 1. Determination of breaking strength and elongation at break (strip method)

GB 5296.4 Instructions for the use of consumer goods-Part 4. Textiles and clothing

GB/T 5455 Textiles-Determination of vertical damage length, smoldering and afterglow time

GB/T 7573 Determination of pH value of textile water extract

GB/T 7742.1 Textiles. Burst performance of fabrics. Part 1. Determination of burst strength and burst expansion degree. Hydraulic method

GB/T 8427 Textile color fastness test Artificial light color fastness. Xenon arc

GB/T 8628 Preparation, marking and measurement of fabric samples and garments in tests for dimensional changes in textiles

GB/T 8629-2017 Home washing and drying procedures for textile testing