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Textiles — Industrial washing and finishing procedures for testing of workwear

Textiles — Méthodes de blanchissage et de finition industriels pour les essais des vêtements de travail



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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 2, *Cleansing, finishing and water resistance tests*.

This second edition cancels and replaces the first edition (ISO 15797:2002), which has been technically revised. It also incorporates the Technical Corrigendum ISO 15797:2002/Cor. 1:2004.

The main changes compared to the previous edition are as follows:

- in the Scope, the restriction of workwear to cotton, polyester and their blends has been removed, thereby including other fibres, and the accommodation of some PPE garments for which the referenced processes are appropriate has been added;
- [6.5](#) has been added to give examples of antichlor chemicals;
- in [9.2](#), in light of experience, changes have been made to Drying procedure B tunnel and cabinet finishing;
- throughout [Tables 1 to 4](#), the headings Cotton and Polyester/cotton have been replaced by Full load and Reduced load, respectively, to facilitate the change in the Scope;
- [Annex A](#) has been revised to include alternative temperature measuring systems.

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Introduction

This document enables manufacturers of textiles to test their fabrics and garments for resistance to exacting washing and drying processes used in industrial laundries for care and maintenance purposes.

It is not practical to carry out rigorous testing in an industrial laundry environment and this document, using intermediate stage equipment, allows testing to be done in a more exacting laboratory setting under standardized conditions.

This document is a test method and is not intended as instructions or recommendations on how to wash and dry in an industrial laundry. Nor does it provide specifications on equipment to be used by industrial launderers.

A laundering cycle consists of a washing and a drying/finishing procedure.