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Second edition
2021-08

Textiles — Water resistance — Rain tests: exposure to a horizontal water spray

Textiles — Résistance à l'eau — Essai d'arrosage: exposition à une pulvérisation horizontale



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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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation of 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 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 22958:2005), which has been technically revised. It also incorporates the Technical Corrigendum ISO 22958:2005/Cor 1:2009.

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

- [Figure 2](#) b) has been revised to more accurately reflect the relative dimensions of the square specimen;
- editorial changes have been applied throughout for clarity.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

ISO 9865 is not always accurate when measuring water resistance (penetration) when testing the latest tightly woven or lightly coated fabrics in the market today. The rain test specified in this document is more suitable for measuring relatively low amounts of water penetrating highly water-resistant fabric.