

Second edition
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Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments —

Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene

*Textiles — Entretien professionnel, nettoyage à sec et nettoyage à l'eau
des étoffes et des vêtements —*

*Partie 2: Mode opératoire pour évaluer la résistance au nettoyage et à
la finition lors du traitement au tétrachloroéthylène*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 3175-2 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 3175-2:1998), of which it constitutes a minor revision. It also incorporates Technical Corrigendum ISO 3175-2:1998/Cor.1:2002.

ISO 3175 consists of the following parts, under the general title *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments*:

- *Part 1: Assessment of performance after cleaning and finishing*
- *Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene*
- *Part 3: Procedures for testing performance when cleaning and finishing using hydrocarbon solvents*
- *Part 4: Procedure for testing performance when cleaning and finishing using simulated wetcleaning*

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Introduction

Drycleaning is a process for cleaning textiles in an organic solvent that dissolves oils and fats and disperses particulate dirt substantially without the swelling and creasing associated with washing or wet cleaning. Small quantities of water may be incorporated in the solvent with the aid of a surfactant for the purpose of obtaining better soil and stain removal. Some moisture-sensitive articles are preferably drycleaned without the addition of water to the solvent. A surfactant is often used to assist with soil removal and reduce the risk of greying, but it should be borne in mind that surfactants contain varying amounts of water in their formulations.

Drycleaning is normally followed by an appropriate restorative finishing procedure. In most cases, this comprises some form of steam treatment and/or hot pressing.

Properties of the textile or garment may change progressively on drycleaning and steaming and/or pressing and in some cases a single treatment can give little indication of the extent of dimensional and other changes that can arise after repeated treatments and which can affect the useful life of the article. Generally, most of the potential changes become apparent after three to five of the drycleaning and finishing treatments specified in this part of ISO 3175.

The properties which should be considered in an assessment for drycleanability together with the methods for their assessment are given in ISO 3175-1.