



SLOVENSKI STANDARD
SIST EN ISO 14419:2000
01-julij-2000

Tekstilije - Oleofobnost - Preskus odpornosti z ogljikovodiki (ISO 14419:1999)

Textiles - Oil repellency - Hydrocarbon resistance test (ISO 14419:1999)

Textilien - Oleophobie - Prüfung der Ölbeständigkeit mit Hilfe von Kohlenwasserstoffen (ISO 14419:1998)

Textiles - Oléofugation - Essai de résistance aux hydrocarbures (ISO 14419:1998)

STANDARD PREVIEW
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Ta slovenski standard je istoveten z: EN ISO 14419:1999

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ICS:

59.080.01 Tekstilije na splošno Textiles in general

SIST EN ISO 14419:2000

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14419

October 1999

ICS 59.080.01

English version

Textiles - Oil repellency - Hydrocarbon resistance test (ISO
14419:1998)

Textiles - Oléofugation - Essai de résistance aux
hydrocarbures (ISO 14419:1998)

Textilien - Oleophobie - Prüfung der Ölbeständigkeit mit
Hilfe von Kohlenwasserstoffen (ISO 14419:1998)

This European Standard was approved by CEN on 5 September 1999.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 14419:1999

Foreword

The text of the International Standard from Technical Committee ISO/TC 38 "Textiles" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2000, and conflicting national standards shall be withdrawn at the latest by April 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 14419:1998 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 139	1973	Textiles - Standard atmospheres for conditioning and testing	EN 20139	1992

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INTERNATIONAL
STANDARD

ISO
14419

First edition
1998-09-15

**Textiles — Oil repellency — Hydrocarbon
resistance test**

Textiles — Oléofugation — Essai de résistance aux hydrocarbures

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Reference number
ISO 14419:1998(E)

ISO 14419:1998(E)**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 3.

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.

International Standard ISO 14419 was prepared by ISO Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 2, *Cleansing, finishing and water resistance tests*.

Annex A of this International Standard is for information only.

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Textiles — Oil repellency — Hydrocarbon resistance test

1 Scope

This International Standard is used in the evaluation of a substrate's resistance to absorption of a selected series of liquid hydrocarbons of different surface tensions.

This International Standard is intended to provide a guide to oil stain resistance. It can provide a rough index of oil stain resistance as generally, the higher the oil repellency grade the better resistance to staining by oily materials, especially liquid oil substances. This is particularly true when comparing various finishes for a given substrate. This International Standard can also be utilized in determining if washing and/or dry cleaning treatments have any adverse effect on the oil repellency characteristics of a substrate. It is recommended that the washing and/or dry cleaning treatment procedures described in ISO 6330 or ISO 3175 be used for this purpose.

This International Standard is not intended to give an absolute measure of the resistance of the substrate to staining by all oily materials. Other factors, such as composition and viscosity of the oily substances, substrate construction, fibre type, dyes and other finishing agents, also influence stain resistance. This International Standard is not intended to estimate the resistance to penetration of the substrate by oil based chemicals; for this evaluation see ISO 6530, *Protective clothing – Protection against liquid chemicals – Determination of resistance of materials to penetration by liquids*.

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2 Normative reference

<https://standards.iteh.ai/catalog/standards/sist/8e75ec40-f6f5-4520-9ca2-85d017abef5c/sist-en-iso-14419-2000>

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 139:1973, *Textiles – Standard atmospheres for conditioning and testing*.

3 Definitions

For the purposes of this International Standard, the following definitions apply.

3.1 grade

symbol for any step of a multistep standard reference scale for a quality characteristic

NOTE The grade is assigned to test specimens exhibiting a degree of the quality comparable to that step of the standard reference scale.

3.2 oil repellency

characteristic of a fabric whereby it resists absorption of oily liquids