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Textiles - Oil repellency - Hydrocarbon resistance test

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NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 14419:2010 sisaldab Euroopa standardi EN ISO 14419:2010 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 30.04.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 01.03.2010.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 14419:2010 consists of the English text of the European standard EN ISO 14419:2010.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 30.04.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 01.03.2010.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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EUROPEAN STANDARD

EN ISO 14419

NORME EUROPÉENNE

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English Version

**Textiles - Oil repellency - Hydrocarbon resistance test (ISO
14419:2010)**

Textiles - Oléofugation - Essai de résistance aux
hydrocarbures (ISO 14419:2010)

Textilien - Oleophobie - Prüfung der Ölbeständigkeit mit
Hilfe von Kohlenwasserstoffen (ISO 14419:2010)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN ISO 14419:2010) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with 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of an identical text or by endorsement, at the latest by September 2010, and conflicting national standards shall be withdrawn at the latest by September 2010.

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Endorsement notice

The text of ISO 14419:2010 has been approved by CEN as a EN ISO 14419:2010 without any modification.

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Textiles — Oil repellency — Hydrocarbon resistance test

1 Scope

This International Standard is applicable to 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 drycleaning treatments have any adverse effect on the oil repellency characteristics of a substrate.

NOTE 1 Washing and drycleaning treatment procedures are described in ISO 6330 or ISO 3175 (all parts), respectively.

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.

NOTE 2 For the evaluation of the resistance to penetration of the substrate by oil-based chemicals, see ISO 6530.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 139, *Textiles — Standard atmospheres for conditioning and testing*

3 Terms and definitions

For the purposes of this document, the following terms and 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