

**Vihmavastane kaitseriietus.  
Katsemeetodid valmisriiete  
katsetamiseks. Suure energiaga tilkade  
langemisel ülevalt antav löök**

Protective clothing against rain - Test method for  
ready made garments - Impact from above with high  
energy droplets

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14360:2004 sisaldab Euroopa standardi EN 14360:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 26.10.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14360:2004 consists of the English text of the European standard EN 14360:2004.</p> <p>This document is endorsed on 26.10.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This European Standard specifies a test method for determining the rain tightness of clothing for protection against rain, using a static manikin exposed to artificial rain. It is applicable to the testing of jackets, trousers, coats and one or two piece suits. This standard is not applicable to the testing of garments for resistance to other weather conditions, e.g. snow, hail-, or strong winds.</p>	<p><b>Scope:</b></p> <p>This European Standard specifies a test method for determining the rain tightness of clothing for protection against rain, using a static manikin exposed to artificial rain. It is applicable to the testing of jackets, trousers, coats and one or two piece suits. This standard is not applicable to the testing of garments for resistance to other weather conditions, e.g. snow, hail-, or strong winds.</p>
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**ICS** 13.340.10, 59.080.01

**Võtmesõnad:** climate, instructions, outerwear, safety, specifications, thermal in, thermal resistance, trousers, water vapour volume resistance, watertightness, water-vapour tests, weather, weather protection systems, weather resistance, weather-proof clothing, workplace safety

ICS 13.340.10; 59.080.01

English version

Protective clothing against rain - Test method for ready made  
garments - Impact from above with high energy droplets

Vêtements de protection contre les intempéries - Méthode  
d'essai pour les vêtements prêt à porter - Impact de fortes  
précipitations

Schutzkleidung gegen Regen - Prüfverfahren für fertige  
Bekleidungsstücke - Beaufschlagung von oben mit Tropfen  
von hoher Energie

This European Standard was approved by CEN on 16 April 2004.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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## Foreword

This document (EN 14360:2004) has been prepared by Technical Committee CEN/TC 162 "Protective clothing including hand and arm protection and life jackets", the secretariat of which is held by DIN.

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 January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to support Essential Requirements of EU Directive 89/686/EEC Personal Protective Equipment.

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of the document.

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

## 1 Scope

This European Standard specifies a test method for determining the rain tightness of clothing for protection against rain, using a static manikin exposed to artificial rain. It is applicable to the testing of jackets, trousers, coats and one or two piece suits.

This standard is not applicable to the testing of garments for resistance to other weather conditions, e.g. snow, hail-, or strong winds.

## 2 Normative references

Not applicable.

## 3 Terms and definitions

For the purposes of this European Standard, the following term and definition apply.

### **garment**

individual component of a clothing ensemble, the wearing of which provides protection to the part of the body that it covers

## 4 Principle

A manikin with the shape and size of an adult person wearing long underwear made of absorbent fabric is dressed in the garments to be tested and exposed to artificial rain for a specific period. After the exposure the underwear and the inner side of the garment are visually inspected for wet areas. In addition, sensors on the manikin may be used in order to detect the timing of water ingress at individual sites.