



Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
des produits et services

## ILNAS-EN ISO 12127-1:2015

### **Clothing for protection against heat and flame - Determination of contact heat transmission through protective clothing or constituent materials - Part**

Schutzkleidung gegen Hitze und  
Flammen - Bestimmung des  
Kontaktwärmedurchgangs durch  
Schutzkleidung oder -materialien - Teil 1:

Vêtements de protection contre la  
chaleur et la flamme - Détermination de  
la transmission thermique par contact à  
travers les vêtements de protection ou

12/2015



## National Foreword

This European Standard EN ISO 12127-1:2015 was adopted as Luxembourgish Standard ILNAS-EN ISO 12127-1:2015.

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ILNAS-EN ISO 12127-1:2015

EUROPEAN STANDARD **EN ISO 12127-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 13.340.10

Supersedes EN 702:1994

English Version

**Clothing for protection against heat and flame -  
Determination of contact heat transmission through  
protective clothing or constituent materials - Part 1:  
Contact heat produced by heating cylinder (ISO 12127-  
1:2015)**

Vêtements de protection contre la chaleur et la flamme  
- Détermination de la transmission thermique par  
contact à travers les vêtements de protection ou leurs  
matériaux constitutifs - Partie 1 : Transmission  
thermique par contact produite par un cylindre de  
chauffage (ISO 12127-1:2015)

Schutzkleidung gegen Hitze und Flammen -  
Bestimmung des Kontaktwärmedurchgangs durch  
Schutzkleidung oder -materialien - Teil 1: Durch heiße  
Zylinder erzeugte Kontaktwärme (ISO 12127-1:2015)

This European Standard was approved by CEN on 12 September 2015.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN ISO 12127-1:2015) has been prepared by Technical Committee CEN/TC 162 "Protective clothing including hand and arm protection and lifejackets", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment".

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 June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 702:1994.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this 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, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

### Endorsement notice

The text of ISO 12127-1:2015 has been approved by CEN as EN ISO 12127-1:2015 without any modification.

**Annex ZA**  
(informative)  
**Relationship between this European Standard and the Essential  
Requirements of EU Directive 89/686/EEC**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 89/686/EEC on the approximation of the laws of the Member States relating to personal protective equipment.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard, together with the relevant requirements given in the product standards, confers within the limits of the scope of those standards, a presumption of conformity with the Essential Requirement 3.6.1 of Annex II of that Directive and associated EFTA regulations.

**WARNING** — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.