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JA KEMIKAALIKINDLATE MATERJALIDE, ÕMBLUSTE,
ÜHENDUSKOHTADE JA KOGUMITE KLASSIFIKATSIOON

Protective clothing against chemicals - Test methods
and performance classification of chemical protective
clothing materials, seams, joins and assemblages

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 14325:2018+A1:2024 sisaldab Euroopa standardi EN 14325:2018+A1:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 15.05.2024.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 14325:2018+A1:2024 consists of the English text of the European standard EN 14325:2018+A1:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 15.05.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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EUROPEAN STANDARD

EN 14325:2018+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages

Habillement de protection contre les produits chimiques - Méthodes d'essai et classification de performance des matériaux, coutures, jonctions et assemblages des vêtements de protection chimique

Schutzkleidung gegen Chemikalien - Prüfverfahren und Leistungseinstufung für Materialien, Nähte, Verbindungen und Verbünde

This European Standard was approved by CEN on 16 October 2017 and includes Amendment approved by CEN on 8 April 2024.

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Contents

Page

European foreword.....	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	6
4 Performance classification of materials.....	7
4.1 Determination of property value for performance classification.....	7
4.2 Pre-treatment.....	8
4.2.1 Pre-treatment by cleaning and disinfection.....	8
4.2.2 Pre-treatment by abrasion	8
4.2.3 Pre-treatment by flexing	8
4.3 Conditioning.....	8
4.4 Abrasion resistance.....	8
4.4.1 General.....	8
4.4.2 Determination of the highest number of abrasion rubs which does not cause damage to the material and which shall be used for the performance classification.....	9
4.5 Compression-folding (Schildknecht) flex cracking resistance.....	11
4.5.1 General.....	11
4.5.2 Determination of the highest number of flexing cycles which does not cause damage to the material and which shall be used for the performance classification.....	11
4.6 Compression-folding (Schildknecht) flex cracking resistance at -30 °C.....	13
4.7 Trapezoidal tear resistance	13
4.8 Bursting resistance - deleted requirement.....	14
4.9 Tensile strength.....	14
4.10 Puncture resistance.....	14
4.11 Resistance to permeation by chemicals.....	15
4.11.1 General.....	15
4.11.2 Classification of permeation resistance by breakthrough time.....	15
4.11.3 Classification of permeation resistance by cumulative permeation time.....	16
4.12 Repellency to liquids.....	16
4.13 Resistance to penetration by liquids.....	17
4.14 Resistance to ignition	17
4.15 Resistance to flame.....	18
5 Performance requirements for seams, joints and assemblages.....	19
5.1 Determination of property value for rating and classification	19
5.2 Pre-conditioning.....	19
5.3 Conditioning.....	19
5.4 Resistance to liquids	19
5.4.1 General.....	19
5.4.2 Resistance to penetration	19
5.4.3 Resistance to permeation.....	20
5.5 Seam strength.....	20
5.6 Pull strength of joints and assemblages	20
5.6.1 General.....	20
5.6.2 Boots and Gloves (excluding Booties)	20
5.6.3 Body Harness or Belts	21

5.6.4	Lifelines.....	21
5.6.5	Exhalation Valves.....	21
6	Test report	22
7	Instructions for use.....	22
Annex A (normative) Abrasive paper		23
A.1	Quality of materials	23
Annex B (normative) Assessment, evaluation and determination of the property values for rating and for performance classification		24
B.1	Expression of results	24
B.2	Outlying data	24
B.3	Uncertainty of measurement.....	25
B.4	Classification of results.....	25
Annex C (normative) Use of time to cumulative mass for reporting material permeation resistance.....		26
C.1	Introduction.....	26
C.2	General	26
C.3	Basis for classification system	27
C.4	Alternative cumulative permeated mass.....	27
C.5	Conversion from permeation breakthrough time classification to classification by time to cumulative permeated mass	27
C.6	Cumulative permeated mass values as function of toxicity	28
Annex D (normative) Specification for pressure pot and leak-tightness of equipment		30
D.1	Equipment specification	30
D.2	Volume of pressure pot and apparatus	32
D.2.1	For flexcracking specimens	32
D.2.2	For abrasion specimens	32
D.3	Leak tightness test.....	32
Bibliography		33

European foreword

This document (EN 14325:2018+A1:2024) 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.

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 November 2024, and conflicting national standards shall be withdrawn at the latest by November 2024.

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

This document includes Amendment 1 approved by CEN on 8 April 2024.

This document supersedes A1 EN 14325:2018 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

A1 *deleted sentence* A1

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1 Scope

This European Standard specifies the performance classification and test methods for materials used in chemical protective clothing, including gloves and footwear. The gloves and boots should have the same chemical protective barrier requirements as the fabric when an integral part of the clothing. This is a reference standard to which chemical protective clothing performance standards may refer in whole or in part, but this standard is not exhaustive in the sense that product standards may well require testing according to test method standards which are not included in this standard.

While these performance levels are intended to relate to the usage to which the chemical protective clothing is to be put, it is essential that the chemical protective clothing manufacturer or supplier indicate the intended use of the protective clothing and that the user (specifier) carries out a risk assessment in order to establish the correct performance level for the intended task.

2 Normative references

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

EN 863:1995, *Protective clothing - Mechanical properties - Test method: Puncture resistance*

EN 13274-4:2001, *Respiratory protective devices — Methods of test — Part 4: Flame tests*

☐^{A1} EN ISO 811:2018, *Textiles - Determination of resistance to water penetration - Hydrostatic pressure test (ISO 811:2018)* ☐^{A1}

EN ISO 139:2005, *Textiles - Standard atmospheres for conditioning and testing (ISO 139:2005)*

EN ISO 6530:2005, *Protective clothing - Protection against liquid chemicals - Test method for resistance of materials to penetration by liquids (ISO 6530:2005)*

EN ISO 7854:1997, *Rubber- or plastics-coated fabrics - Determination of resistance to damage by flexing (ISO 7854:1995)*

☐^{A1} EN ISO 9073-4:2021, *Nonwovens - Test methods - Part 4: Determination of tear resistance by the trapezoid procedure (ISO 9073-4:2021)* ☐^{A1}

CEN ISO/TR 11610:2004, *Protective clothing — Vocabulary (ISO/TR 11610:2004)*

EN ISO 12947-2:2016, *Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2: Determination of specimen breakdown (ISO 12947-2:2016)*

EN ISO 13934-1:2013, *Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method (ISO 13934-1:2013)*

EN ISO 13935-2:2014, *Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 2: Determination of maximum force to seam rupture using the grab method (ISO 13935-2:2014)*

ISO 6529:2013, *Protective clothing — Protection against chemicals — Determination of resistance of protective clothing materials to permeation by liquids and gases*