

<b>STN</b>	<b>Ochranné odevy proti chemikáliám Skúšobné metódy a klasifikácia funkčných vlastností materiálov, švov, spojov a zostáv odevov chrániacich proti chemikáliám</b>	<b>STN EN 14325+A1</b>  83 2781
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Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

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EUROPEAN STANDARD

**EN 14325:2018+A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 14325:2018

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 14325:2018+A1:2024 (E)**

<b>Contents</b>	<b>Page</b>
European foreword.....	4
<b>1 Scope.....</b>	<b>5</b>
<b>2 Normative references.....</b>	<b>5</b>
<b>3 Terms and definitions .....</b>	<b>6</b>
<b>4 Performance classification of materials.....</b>	<b>7</b>
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
<b>5 Performance requirements for seams, joints and assemblages.....</b>	<b>19</b>
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

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

**EN 14325:2018+A1:2024 (E)****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

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 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*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**