

STN	Stanovenie odolnosti materiálov proti permeácii chemikáliami Časť 2: Permeácia potenciálne nebezpečnými plynými chemikáliami za podmienok nepretržitého kontaktu	STN EN 16523-2+A1 83 2340
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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/19

Obsahuje: EN 16523-2:2015+A1:2018

Oznámením tejto normy sa ruší
STN EN 16523-2 (83 2340) z júla 2015

128382

EUROPEAN STANDARD

EN 16523-2:2015+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2018

ICS 13.340.01

English Version

Determination of material resistance to permeation by chemicals - Part 2: Permeation by potentially hazardous gaseous chemicals under conditions of continuous contact

Détermination de la résistance des matériaux à la perméation par des produits chimiques - Partie 2: Perméation par des produits chimiques gazeux potentiellement dangereux dans des conditions de contact continu

Bestimmung des Widerstands von Materialien gegen die Permeation von Chemikalien - Teil 2: Permeation durch potentiell gefährliche gasförmige Chemikalien unter Dauerkontakt

This European Standard was approved by CEN on 5 December 2014 and includes Amendment 1 approved by CEN on 7 May 2018.

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

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European foreword

This document (EN 16523-2:2015+A1:2018) 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of an identical text or by endorsement, at the latest by June 2019 and conflicting national standards shall be withdrawn at the latest by June 2019.

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

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).

This document includes Amendment 1 approved by CEN on 7 May 2018.

A1 This document supersedes EN 16523-2:2015. **A1**

A1 Deleted text **A1**

EN 16523, *Determination of material resistance to permeation by chemicals*, is composed of the following parts:

- *Part 1: Permeation by liquid chemical under conditions of continuous contact;*
- *Part 2: Permeation by gaseous chemical under conditions of continuous contact* [the present document].

NOTE CEN/TC 162 WG 13 has foreseen to work on other test methods in the future that will spread in several standard parts:

- *Permeation by solid chemical under conditions of continuous contact;*
- *Permeation by chemical under conditions of intermittent contact;*
- *Permeation by chemical of seams, joins, assemblages and closers;*
- *Permeation by chemical in a form of droplets;*
- *Guide on testing and interpretation.*

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

EN 16523-2:2015+A1:2018 (E)**Introduction**

A1 Deleted text **A1**. A future part of EN 16523 will explain the use of the series of standards EN 16523.

This standard includes only the specific aspects linked with the testing with gaseous challenge chemicals.

1 Scope

This European Standard specifies a test method for the determination of the resistance of protective clothing, gloves and footwear materials to permeation by potentially hazardous gaseous chemicals under the condition of continuous contact.

This test method is applicable to the assessment of protection against gaseous chemicals that can be collected only by liquid or gaseous collecting media.

A1 This test method is not applicable for the assessment of gaseous chemical mixtures. **A1**

This test method describes the modifications to EN 16523-1 necessary to test against gaseous chemicals that can be collected by liquid or gaseous collecting media.

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 16523-1:2015, *Determination of material resistance to permeation by chemicals - Part 1: Permeation by liquid chemical under conditions of continuous contact*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN