
Varovalna obleka za zaščito pred kemikalijami - Klasifikacija, označevanje in zahtevane lastnosti - 2. del: Fizikalne preskusne metode, klasifikacija in zahteve (ISO/DIS 16602-2:2025)

Protective clothing for protection against chemicals - Classification, labelling and performance requirements - Part 2: Physical test methods, classification and requirements (ISO/DIS 16602-2:2025)

Schutzbekleidung gegen Chemikalien - Klassifizierung, Kennzeichnung und Leistungsfähigkeit - Teil 2: Physikalische Testmethoden, Klassifizierung und Anforderungen (ISO/DIS 16602-2:2025)

Habillement de protection contre les produits chimiques - Classification, étiquetage et exigences de performances - Partie 2: Méthodes d'essai physique, classification et exigences (ISO/DIS 16602-2:2025)

<https://standards.iteh.ai/catalog/standards/sist/12687d71-92f0-4b91-8166-7d1495a7910a/osist-pren-iso-16602-2-2025>

Ta slovenski standard je istoveten z: prEN ISO 16602-2

ICS:

13.340.10 Varovalna obleka Protective clothing

oSIST prEN ISO 16602-2:2025 **en,fr,de**



DRAFT International Standard

ISO/DIS 16602-2

Protective clothing for protection against chemicals — Classification, labelling and performance requirements —

Part 2: Physical test methods, classification and requirements

*Habillement de protection contre les produits chimiques —
Classification, étiquetage et exigences de performances —
Partie 2: Méthodes d'essai physique, classification et exigences*

ICS: 13.340.10

ISO/TC 94/SC 13

Secretariat: **SNV**

Voting begins on:
2025-07-01

Voting terminates on:
2025-09-23

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING

Reference number
ISO/DIS 16602-2:2025(en)

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENTS AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

© ISO 2025

ISO/DIS 16602-2:2025(en)

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[oSIST prEN ISO 16602-2:2025](https://standards.iteh.ai/catalog/standards/sist/f2687d71-92f0-4b91-8166-7d1495a7910a/osist-pren-iso-16602-2-2025)

<https://standards.iteh.ai/catalog/standards/sist/f2687d71-92f0-4b91-8166-7d1495a7910a/osist-pren-iso-16602-2-2025>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

ISO/DIS 16602-2:2025(en)

Contents

Page

Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Performance classification of materials	3
4.1 Determination of property value for performance classification	3
4.2 Requirements for pre-treatment	3
4.3 Conditioning and testing temperature and humidity	3
4.4 Abrasion resistance	4
4.4.1 General	4
4.4.2 Determination of abrasion resistance performance classification	4
4.5 Compression-folding (Schildknecht) flex cracking resistance	6
4.5.1 General	6
4.5.2 Determination of flex cracking resistance performance classification	6
4.6 Compression-folding (Schildknecht) flex cracking resistance at –30 °C (Optional)	8
4.7 Trapezoidal tear resistance	8
4.8 Strength test (Tensile and Burst)	9
4.8.1 Tensile Strength	9
4.8.2 Bursting resistance	9
4.9 Puncture resistance	10
4.10 Resistance to ignition and flame	10
4.10.1 General	10
4.10.2 Resistance to ignition (minimum testing requirement)	10
4.10.3 Visual Assessment of ignition and flame test	11
4.10.4 Resistance to flame	11
4.10.5 Classification of ignition and flame test	12
5 Performance requirements for seams, joints and assemblages	12
5.1 Determination of property value for rating and classification	12
5.2 Pre-treatment	12
5.3 Conditioning	13
5.4 Seam strength	13
5.5 Pull strength of joints and assemblages	13
5.5.1 General	13
5.5.2 Chemical protective footwear and gloves (excluding socks/footwear covers)	13
5.5.3 Body Harness or Belts	14
5.5.4 Lifelines	14
5.5.5 Exhalation Valves/Exhaust device	14
5.6 Leak Tightness of Exhalation Valves	15
5.7 Closure assembly strength test	15
5.8 Impact resistance	15
6 Test report	16
Annex A (normative) Abrasive material	17
Annex B (normative) Assessment, evaluation and determination of the property values for rating and for performance classification	18
Annex C (normative) Flame test method- single burner moving test specimen	20
Annex D (normative) Specification for pressure pot and leak-tightness of equipment	23
Annex E (normative) Pass-through strength and assemblage strength test	26
Annex F (normative) Exhalation valve leakage test	27

ISO/DIS 16602-2:2025(en)

Annex ZA (informative) Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment aimed to be covered.....	28
Bibliography.....	32

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[oSIST prEN ISO 16602-2:2025](https://standards.iteh.ai/catalog/standards/sist/f2687d71-92f0-4b91-8166-7d1495a7910a/osist-pren-iso-16602-2-2025)

<https://standards.iteh.ai/catalog/standards/sist/f2687d71-92f0-4b91-8166-7d1495a7910a/osist-pren-iso-16602-2-2025>