



SLOVENSKI STANDARD SIST EN ISO 17491-4:2024

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Nadomešča:

SIST EN ISO 17491-4:2008

SIST EN ISO 17491-4:2008/A1:2016

Varovalna obleka - Preskusne metode za obleke, ki varujejo pred kemikalijami - 4. del: Ugotavljanje odpornosti materialov proti penetraciji z razprševanjem (spray test) (ISO 17491-4:2024)

Protective clothing - Test methods for clothing providing protection against chemicals - Part 4: Determination of resistance to penetration by a spray of liquid (spray test) (ISO 17491-4:2024)

Schutzkleidung - Prüfverfahren für Chemikalienschutzkleidung - Teil 4: Bestimmung der Beständigkeit gegen das Durchdringen von Flüssigkeitsspray (Spray-Test) (ISO 17491-4:2024)

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Habillement de protection - Méthodes d'essai pour les vêtements fournissant une protection contre les produits chimiques - Partie 4: Détermination de la résistance à la pénétration par pulvérisation de liquide (essai au brouillard) (ISO 17491-4:2024)

Ta slovenski standard je istoveten z: EN ISO 17491-4:2024

ICS:

13.340.10 Varovalna obleka Protective clothing

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English Version

Protective clothing - Test methods for clothing providing protection against chemicals - Part 4: Determination of resistance to penetration by a spray of liquid (spray test)
(ISO 17491-4:2024)

Habillement de protection - Méthodes d'essai pour les vêtements fournissant une protection contre les produits chimiques - Partie 4: Détermination de la résistance à la pénétration par pulvérisation de liquide (essai au brouillard) (ISO 17491-4:2024)

Schutzkleidung - Prüfverfahren für Chemikalienschutzkleidung - Teil 4: Bestimmung der Beständigkeit gegen das Durchdringen von Flüssigkeitsspray (Spray-Test) (ISO 17491-4:2024)

This European Standard was approved by CEN on 4 June 2024.

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

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European foreword

This document (EN ISO 17491-4:2024) has been prepared by Technical Committee ISO/TC 94 "Personal safety - Personal protective equipment" in collaboration with 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 December 2024, and conflicting national standards shall be withdrawn at the latest by December 2024.

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 supersedes EN ISO 17491-4:2008, EN ISO 17491-4:2008/A1:2016.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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Endorsement notice

The text of ISO 17491-4:2024 has been approved by CEN as EN ISO 17491-4:2024 without any modification.



International Standard

ISO 17491-4

Protective clothing — Test methods for clothing providing protection against chemicals —

Part 4: Determination of resistance to penetration by a spray of liquid (spray test)

*Habillement de protection — Méthodes d'essai pour les vêtements
fournissant une protection contre les produits chimiques —*

*Partie 4: Détermination de la résistance à la pénétration par
pulvérisation de liquide (essai au brouillard)*

**Second edition
2024-05**

ISO 17491-4:2024(en)

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ISO 17491-4:2024(en)

Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 94, *Personal safety — Personal protective equipment*, Subcommittee SC 13, *Protective clothing*, in collaboration with the European Committee for Standardization, (CEN) Technical Committee CEN/TC 162, *Protective clothing including hand and arm protection and lifejackets*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 17491-4:2008), which has been technically revised. It also incorporates the Amendment ISO 17491-4:2008/Amd.1:2016. <http://www.iso.org/iso/17491-4:2024>

The main changes are as follows:

- specifications for test liquid have been revised/added;
- [Clause 6](#) has been revised to provide more specificity. Specification have been changed and/or revised for absorbent overall, calibrated stain, turntable, spray booth, spray boom, hydraulic nozzles in [Clause 6](#) and other applicable clauses;
- details for the selection of the right overall size have been added in [6.10](#) as well as in [Annex B](#);
- [8.3](#) has been revised and heading changed to “Distribution of the spray liquid and alignment of spray nozzles.”;
- figure and additional information have been added in [9.1](#) to provide more specificity;
- inclusion of [Annex A](#) on absorbent fabric for the detector suit and non-absorbent fabric for the calibration pattern;
- inclusion of [Annex B](#) on test subject size measurement and right overall size fitting;
- inclusion of [Annex C](#) on right donning and doffing, as well as stain area measurement;
- inclusion of [Annex D](#) with the ILT results.

A list of all parts in the ISO 17491 series can be found on the ISO website.

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