
Varovalna obleka - Preskusne metode za obleke, ki varujejo pred kemikalijami - 4. del: Ugotavljanje odpornosti materialov proti penetraciji z razprševanjem (spray test) (ISO/DIS 17491-4:2006)

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/DIS 17491-4:2006)

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May 2006

ICS

Will supersede EN 468:1994

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/DIS 17491-4:2006)**

Vêtements 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 une vaporisation de liquide (essai à la
vaporisation) (ISO/DIS 17491-4:2006)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 162.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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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.

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COMITÉ EUROPÉEN DE NORMALISATION
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Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (prEN ISO 17491-4:2006) 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, in collaboration with Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment".

This document is currently submitted to the parallel Enquiry.

This document will supersede EN 468:1994.

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).

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

Part 4:

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

Vêtements 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 une vaporisation de liquide (essai à la vaporisation)

(Revision of ISO 17491:2002)

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This draft International Standard is a draft standard developed within the European Committee for Standardization (CEN) and processed under the CEN-lead mode of collaboration as defined in the Vienna Agreement. The document has been transmitted by CEN to ISO for circulation for ISO member body voting in parallel with CEN enquiry. Comments received from ISO member bodies, including those from non-CEN members, will be considered by the appropriate CEN technical body. Should this DIS be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month FDIS vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 17491-4 was prepared by Technical Committee ISO/TC 94, *Personal safety - Protective clothing and equipment*, Subcommittee SC 13, and by Technical Committee CEN/TC 162, *Protective clothing including hand and arm protection and livejackets* in collaboration.

This edition of EN ISO 17491-4 cancels and replaces the first edition EN 468:1994 and the first edition ISO 17491:2002, clause 7, which have been technically revised.

ISO 17491 consists of the following parts, under the general title *Protective clothing - Test method for protective clothing against chemicals*:

- *Part 1: Internal pressure test*
- *Part 2: Aerosol and gaseous inward leakage test*
- *Part 3: Determination of resistance to penetration by a jet of liquid (Jet Test)*
- *Part 4: Determination of resistance to penetration by a spray of liquid (spray test)*

Introduction

This standard describes a test method for determining the spray penetration resistance of chemical protective clothing Type 4 (with spray-tight connections between different parts of the clothing and, if applicable, between the clothing and other items of personal protective equipment) and Type 6 (limited performance protective clothing).

Such clothing comprises one or more items covering the full surface of the body and is intended to be worn under conditions where there is a risk of exposure to a spray of a liquid chemical.

Other requirements with regard to this type of clothing and its constituent materials can be found in the respective product standards EN 14605 and EN 13034.

A document on the selection, use and maintenance of chemical protective clothing is in preparation (prCEN/TR 15419).

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