



BSI Standards Publication

Protective clothing — Test methods for clothing providing protection against chemicals

Part 5: Determination of resistance to penetration by a spray of liquid (manikin spray test)

National foreword

This British Standard is the UK implementation of ISO 17491-5:2013.

The UK participation in its preparation was entrusted to Technical Committee PH/3/3, Chemical, Biological, Radioactive and Nuclear Personal Protective Equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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

**Part 5:
Determination of resistance to
penetration by a spray of liquid
(manikin spray test)**

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

*Partie 5: Détermination de la résistance à la pénétration par
vaporisation de liquide (essai au brouillard à l'aide d'un mannequin)*





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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The committee responsible for this document is ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 13, *Protective clothing*.

ISO 17491 (all parts) cancels and replaces ISO 17491:2002, which has been technically revised.

ISO 17491 consists of the following parts, under the general title *Protective clothing — Test methods for clothing providing protection against chemicals*:

- *Part 1: Determination of resistance to outward leakage of gases (internal pressure test)*
- *Part 2: Determination of resistance to inward leakage of aerosols and gases (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)*
- *Part 5: Determination of resistance to penetration by a spray of liquid (manikin spray test)*