
**Protective clothing for use against solid
particulates —**

Part 1:

**Performance requirements for chemical
protective clothing providing protection
to the full body against airborne solid
particulates (type 5 clothing)**

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Vêtements de protection à utiliser contre les particules solide —

*Partie 1: Exigences de performance des vêtements de protection contre
les produits chimiques offrant une protection au corps entier contre les
particules solides transportées par l'air (vêtements de type 5)*

[ISO 13982-1:2004](#)

<https://standards.iteh.ai/catalog/standards/iso/b553c7cf-04ee-488c-8930-a489ee03060a/iso-13982-1-2004>



Reference number
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Foreword

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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 13982-1 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 162, *Protective clothing including hand and arm protection and lifejackets*, in collaboration with Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 13, *Protective clothing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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ISO 13982 consists of the following parts, under the general title *Protective clothing for use against solid particulates*:

- *Part 1: Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing)* [3982-1:2004](https://standards.iteh.ai/catalog/standards/iso/b553c7cf-04ee-488c-8930-a489ee03060a/iso-13982-1-2004)
- *Part 2: Test method of determination of inward leakage of aerosols of fine particles into suits* <https://standards.iteh.ai/catalog/standards/iso/b553c7cf-04ee-488c-8930-a489ee03060a/iso-13982-1-2004>

Introduction

It is necessary to determine the suitability of type 5 clothing for each specific chemical substance and its acceptable exposure limits in relation to the inward leakage of the type 5 garment. Hence, it is possible, that this type of clothing does not offer adequate protection from aerosols of highly hazardous substances, where a type 1 garment might be necessary to obtain the level of protection needed.

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