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**Safety, protective and occupational  
footwear for professional use —**

**Part 7:  
Additional specifications for protective  
footwear**

iTeh STANDARD PREVIEW

*Chaussures de sécurité, de protection et de travail à usage  
professionnel —*

*Partie 7: Spécifications additionnelles pour chaussures de protection*

ISO 8782-7:2000

<https://standards.iteh.ai/catalog/standards/sist/eff8bf6-cc94-401b-99c3-f91b6d764d11/iso-8782-7-2000>



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 part of ISO 8782 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 8782-7 was prepared by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 3, *Foot protection*.

ISO 8782 consists of the following parts, under the general title *Safety, protective and occupational footwear for professional use*:

- (standards.iteh.ai)
- *Part 1: Requirements and test methods*
  - *Part 2: Specification for safety footwear* [ISO 8782-7:2000](https://standards.iteh.ai/catalog/standards/sist/eff8bf6-cc94-401b-99c3-f91b6d764d11/iso-8782-7-2000)
  - *Part 3: Specification for protective footwear*
  - *Part 4: Specification for occupational footwear*
  - *Part 5: Additional requirements and test methods*
  - *Part 6: Additional specifications for safety footwear*
  - *Part 7: Additional specifications for protective footwear*
  - *Part 8: Additional specifications for occupational footwear*

## Introduction

This part of ISO 8782 extends the scope of ISO 8782-3 by specifying further properties which may be needed in safety footwear for professional use. It refers to ISO 8782-3 for the basic requirements which are mandatory for all items of safety footwear and, if desired, allows other combinations of properties to be specified by the selection of appropriate optional requirements from Table 3 of ISO 8782-3:1998.

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# Safety, protective and occupational footwear for professional use —

## Part 7: Additional specifications for protective footwear

### 1 Scope

This part of ISO 8782 specifies, by reference to ISO 8782-1 and ISO 8782-5, additional requirements for protective footwear, relating to water resistance, metatarsal protection and cut resistance.

Basic and further optional requirements for protective footwear are given in ISO 8782-3.

### 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 8782. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 8782 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid [International Standards](http://www.internationalstandards.org/standards/sist/eff8bf6-cc94-401b-99c3-f91b6d764d11/iso-8782-7-2000).

ISO 8782-1:1998, *Safety, protective and occupational footwear for professional use — Part 1: Requirements and test methods*.

ISO 8782-3:1998, *Safety, protective and occupational footwear for professional use — Part 3: Specification for protective footwear*.

ISO 8782-5:1999, *Safety, protective and occupational footwear for professional use — Part 5: Additional requirements and test methods*.

### 3 Terms and definitions

For the purposes of this part of ISO 8782, the terms and definitions given in ISO 8782-1 and ISO 8782-3 apply.

### 4 Classification

Footwear shall be classified in accordance with Table 1 of ISO 8782-3:1998.

### 5 Protective footwear with resistance to water

#### 5.1 Performance

Footwear shall comply with the basic requirements specified in Table 2 of ISO 8782-3:1998 and with the requirement given in Table 1 of this part of ISO 8782.

Table 1 — Protective footwear with resistance to water

Requirement	Appropriate clause in ISO 8782-5:1999	Classification I <sup>a</sup>
Resistance to water	4.2	X
<sup>a</sup> X means that the protective footwear shall comply with the requirement.		

## 5.2 Marking

Each item of protective footwear shall be clearly and permanently marked, for example by embossing or branding, as specified in clause 6 of ISO 8782-3:1998, and with the symbol WR.

## 6 Protective footwear with metatarsal protection

### 6.1 Performance

Footwear shall comply with the basic requirements specified in Table 2 of ISO 8782-3:1998 and with the requirements given in Table 2 of this part of ISO 8782.

Table 2 — Protective footwear with metatarsal protection

Requirement	Appropriate clause in ISO 8782-5:1999	Classification <sup>a</sup>	
		I	II
Construction	4.5.1.1	X	X
	4.5.1.2	X	X
	4.5.1.3	X	X
Impact resistance of metatarsal protective device	4.5.2	X	X
<sup>a</sup> X means that the protective footwear shall comply with the requirement.			

### 6.2 Marking

Each item of protective footwear shall be clearly and permanently marked, for example by embossing or branding, as specified in clause 6 of ISO 8782-3:1998, and with the symbol M.

## 7 Protective footwear with cut resistance

### 7.1 Performance

Footwear shall comply with the basic requirements specified in Table 2 of ISO 8782-3:1998, except where otherwise indicated, and with the requirements given in Table 3 of this part of ISO 8782.

**Table 3 — Protective footwear with cut resistance**

Requirement	Appropriate clause in		Classification <sup>a</sup>		Indication of change to basic requirements
	ISO 8782-1:1998	ISO 8782-5:1999	I	II	
Penetration resistance	4.3.3		X	X	Becomes mandatory requirement
Design		4.6.1	X	X	Limitation on designs permitted in ISO 8782-3:1998
Construction		4.6.2	X	X	
Resistance to cutting		4.6.3	X	X	

<sup>a</sup> X means that the protective footwear shall comply with the requirement.

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### 7.2 Marking

Each item of protective footwear shall be clearly and permanently marked, for example by embossing or branding, as specified in clause 6 of ISO 8782-3:1998, and ~~with the symbol~~ CR.

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