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Protective equipment for cricketers —

Part 2: Genital protectors

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Committees responsible for this British Standard

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- Amateur Boxing Association
- British Association of Field Hockey Equipment Manufacturers
- British Dental Association
- British Dental Trade Association
- British Equestrian Trade Association
- British Horse Society
- British Rubber Manufacturers Association Ltd
- British Society for the Study of Prosthetic Dentistry
- British Sports and Allied Industries Federation
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- England and Wales Cricket Board
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- Rugby Football Union
- Staffordshire University

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Foreword

This part of BS 6183 has been prepared by Technical Subcommittee PH/3/11. It partially supersedes BS 6183-1:1981, which is withdrawn.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 11 and a back cover.

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Introduction

Protective equipment is worn by cricketers to reduce the severity of injuries from accidental impact by cricket balls. Batsmen are particularly exposed to balls coming off the pitch at unexpected angles. The level of protection required depends on the skill and strength of the player and the opposing team.

This British Standard is divided into five parts as follows:

- *Part 1: General requirements;*
- *Part 2: Genital protectors;*
- *Part 3: Leg protectors for batsmen, wicket keepers and fielders; thigh, arm and chest protectors;*
- *Part 4: Gloves for batsmen;*
- *Part 5: Gloves for wicket keepers.*

1 Scope

This part of this British Standard gives requirements and test methods for genital protectors for cricketers.

NOTE General requirements for protective equipment for cricketers are given in BS 6183-1.

2 Normative references

The following normative documents contain provisions that, through reference in this text, constitute provisions of this British Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. For undated references, the latest edition of the publication referred to applies.

BS 6183-1, *Protective equipment for cricketers — Part 1: General requirements.*

BS 6183-3, *Protective equipment for cricketers — Part 3: Leg protectors for batsmen, wicket keepers and fielders; thigh, arm and chest protectors.*

3 Definitions

For the purposes of this British Standard, the definitions given in BS 6183-1 apply.

4 Requirements

4.1 Sizing

NOTE 1 Genital protectors may be incorporated in other garments or protective equipment. Figures 1a) and 1b) show the positions of a hard genital protector and its relationship to the pelvis. During impact, the genital protector is supported on the pubic bones. To protect the genitals, a hard genital protector should not be displaced, should not lose a significant volume of internal space, and should not disintegrate on impact.

NOTE 2 Genital protectors with a more rounded shape and greater internal depth appear to perform better in impact tests. Less rounded protectors with less space are easier to distort by impact. Genital protectors should therefore have as great an internal depth as possible.

Genital protectors shall be marked with their size in accordance with BS 6183-1. Sizing shall be explained in the information supplied by the manufacturer (see BS 6183-1).

Hard genital protectors shall be sized in accordance with Table 1 [see also Figures 2a) to 2c) for an explanation of the dimensions, and 5.1 for details of the measurement procedure].

NOTE 3 There are insufficient data available to specify soft genital protectors for women. Some information is given in annex A.

4.2 Dimensions of genital protectors

Dimensions of hard genital protectors shall conform to Table 1.

4.3 Restraint systems

Genital protectors shall remain in place in normal play and during impact. Restraint shall be achieved using integral straps with buckles, touch and close fasteners, a harness, or by other items of protective equipment or clothing. The manufacturer shall provide instructions on how to restrain the protectors (see BS 6183-1).

Restraint systems shall be assessed in accordance with 5.3. The reference dimension for assessment shall be the width or length of the protective zone measured in line with the direction of the test force. Equipment shall not be displaced by more than 50 % of the reference dimension by the test force, and shall return to within 25 % of the reference dimension from the initial position when the force is removed. The test forces shall be 5 N.

Table 1 — Dimensions for hard genital protectors

Size designation	Minimum internal depth <i>A</i> ^a mm	Minimum internal length <i>B</i> ^a mm	Minimum internal width at widest part <i>C</i> ^b mm	Minimum volume cm ³
Female size 1	20	100	55	70
Female size 2	25	110	65	110
Female size 3	30	120	75	150
Male size 1	40	120	85	170
Male size 2	45	130	95	225
Male size 3	50	140	105	300

^a See Figure 2b).

^b See Figure 2c).



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