BS 7971-6:2016

BSI Standards Publication

Protective clothing and equipment for use in violent situations and in training

Part 6: Gloves – Requirements and test methods

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Foreword

Publishing information

This part of BS 7971 is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 August 2016. It was prepared by Subcommittee PH/3/12, *Protective clothing and equipment for use in violent situations and training* under the authority of Technical Committee PH/3, *Protective clothing*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

This part of BS 7971 supersedes BS 7971-6:2003, which is withdrawn.

Information about this document

This part of BS 7971 has been substantially revised in association with the Home Office. The aims of the revision were to amalgamate appropriate content from BS 7971-1, BS 7971-2, BS 7971-7 and BS 7971-6 and to reference the Home Office publication*, Slash resistance standard for UK police (2006)* [N1]. This British Standard contains public sector information licensed under the Open Government Licence v2.0.

This full revision of the standard introduces the following principal changes by addition of clauses covering:

- innocuousness;
- sizing;
- marking;
- user information;
- cleaning;
- modified resistance to chemicals; and
- a high cut resistance test.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is "shall".

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

Attention is drawn to Regulation (EU) 2016/425 [1)] [1].

[1)] Regulation (EU) 2016/425 replaces Directive 89/686/EEC, which remains in use until April 2018.

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Introduction

Gloves used in general duty, specialist operational situations and in training are intended to reduce the risk of injury to a user who might be faced with threats such as various mechanical injuries, heat, flame and the effects of certain liquids, which in some circumstances may also be burning liquids.

Public order gloves in particular are intended to provide protection against specific operational threats and are intended to be worn in conjunction with flame retardant overalls as described in BS 7971-10.

In the selection of suitable gloves, optimum protection has to be balanced with operational requirements in an environment where the option of increasing protection levels as threat escalates might not be viable.

Operational requirements were taken into account during the preparation of this revision. The revision committee made the decision to incorporate different levels of protection for different activities into this single standard, allowing BS 7971-7 to be withdrawn.

Principal changes between this and earlier editions are outlined in the Foreword.

1 Scope

This part of BS 7971 specifies requirements and test methods for two types of gloves, general duty gloves and public order gloves intended to be used for specialist operational activities such as public order situations and public order training.

They are intended to provide protection against different hazards such as mechanical risk, heat and flame and small volumes of certain liquids.

NOTE If the risk assessment of other specialist gloves identifies hazards covered by this standard then in addition to any specific test requirements they might have, elements from this standard can be referenced.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS EN 388:2003, *Protective gloves against mechanical risks*

BS EN 407, *Protective gloves against thermal risks (heat and/or fire)*

BS EN 420, *Protective gloves – General requirements and test methods*

BS EN 659:2003+A1:2008, *Protective gloves for firefighters*

BS EN 13594:2015, *Protective gloves for motorcycle riders – Requirements and test methods*

BS EN ISO 13997, *Protective clothing – Mechanical properties – Determination of resistance to cutting by sharp objects*

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