

Specification for

Fabrics for camping tents

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Cooperating organizations

The Textile Products and Leather Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following:

- Association of Jute Spinners and Manufacturers
- Blanket Manufacturers' Association
- British Carpet Manufacturers' Association
- British Railways Board
- British Textile Employers' Association*
- Central Council of the Irish Linen Industry
- Consumer Standards Advisory Committee of BSI
- Consumers' Association*
- Department of Health and Social Security
- Department of Industry (Chemicals and Textiles)
- Department of the Environment (PSA)
- Furniture, Timber and Allied Trades Union
- Institute of Purchasing and Supply
- Made-up Textiles Association*
- Mail Order Traders Association of Great Britain*
- Ministry of Defence*
- National Association of Retail Furnishers
- National Bedding Federation
- Textile Institute
- Textile Research Council*
- Warp Knitters Association Ltd

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the Technical Committee entrusted with the preparation of this British Standard:

- Association of Heavy Textile Proofers of Great Britain
- Camping Trade Association of Great Britain Limited
- Chemical Industries Association
- Chief and Assistant Chief Fire Officers' Association
- Department of the Environment, Building Research Establishment (Fire Research Station)
- Department of Trade
- Greater London Council
- Home Office
- Institution of Fire Engineers
- Man-made Fibres Producers Committee

This British Standard, having been prepared under the direction of the Textile Products and Leather Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 March 1983

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Foreword

This standard has been prepared under the direction of the Textile Products and Leather Standards Committee. It is based on the results of a research project carried out by the Shirley Institute and jointly funded by Department of Trade — Consumer Safety Unit and industry and also takes into account the work being carried out in ISO/TC 83 “*Sports and recreational equipment*”.

Because fabrics are used in different orientations, from vertical to horizontal, requirements for general properties differ and account of this has been taken by incorporating three classes of fabrics. A fourth class D), is included and is primarily intended for use in the manufacture of tents for MOD use.

Requirements for general properties and flammability are equally applicable to all fabrics; where possible requirements for treatment with a preservative process have been linked to BS 2087. However, the processes in that standard may not be applicable to non-cellulosic textiles. For example, it is known that some finishes used to impart water resistance to certain man-made fibre fabrics may be subject to microbiological degradation, whilst the base fabric exhibits considerable resistance to such attack. Therefore use is made of BS 6085 to assess microbiological deterioration. It is accepted that this is a complex, time-consuming standard, and it may be satisfactory to simply prove the system and dispense with the necessity for continued microbiological testing and, instead, to rely on chemical assay of preservative content.

The standard is divided into three sections, Section 1 “General”, Section 2 “General properties” and Section 3 “Flammability”. In this way, the complete requirements for a particular fabric end use may be selected most appropriately. For example, a ridge tent with a fly sheet might be manufactured from an inner tent fabric meeting the (general and flammability) grade 2 requirements with the outer fly sheet meeting only the (general) grade 9 requirements.

Attention is drawn to the following statement which is required by BS 5438 to be an item of the test report: **“The results may not apply to situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in conflagration”**.

Attention is also drawn to BS 5576 which gives recommendations on means of escape from, and labelling of, tents.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.