

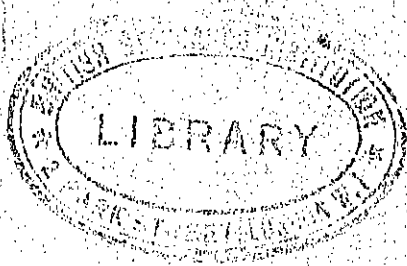
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Specification for

Coated fabrics for water resistant clothing

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British Standards Institution

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The following BSI references relate to the work on this standard:
Committee reference M/31 Draft for comment 73/70383DC

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The Textile Divisional Council, under whose supervision this British Standard was prepared, consists of representatives from the following Government department and scientific and industrial organizations:

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Consumers' Association
Consumer Standards Advisory Committee of BSI
Cotton Industry Standards Committee
Jute Industry Standards Committee
Linen Industry Standards Committee
*London Transport Executive
Man-made Fibres Industry Standards Committee

Ministry of Defence
Ropes and Cordage Industry Standards Committee
Silk Industry Standards Committee
Society of Dyers and Colourists
Textile Institute
Textile Machinery Industry Standards Committee
Trades Union Congress
Wool Industry Standards Committee

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

British Furniture Manufacturers' Federated Associations
British Man-made Fibres Federation
British Nonwoven Manufacturers' Association
British Plastics Federation
British Rubber Manufacturers' Association
British Adhesive Manufacturers' Association
British Textile Employers' Association
Clothing Institute
Department of the Environment
Department of Health and Social Security
Department of Trade and Industry - Joint Fire Research Organization
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Furniture Industry Research Association
Industrial Safety (Protective Equipment) Manufacturers' Association
Leathercloth and Coated Fabric Manufacturers' Association
Ministry of Defence, Army
Ministry of Defence, Navy
Post Office
Rubber Proofer's Association
Shirley Institute
Shoe and Allied Trades Research Association
Society of Motor Manufacturers and Traders Ltd.



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Foreword

This British Standard was first published in 1962 as BS 3546, 'PVC-coated fabrics (cotton and rayon staple) for foul weather clothing'. The original standard was based on proposals from the Joint Technical Committee on Protective Clothing of the British Plastics Federation, the Leathercloth and Coated Fabrics Manufacturers' Association and the Oilskin Manufacturers' Association of Great Britain. In its 1970 edition, the standard was given the title of 'Coated fabrics for protective clothing', and was extended to include PVC coated synthetic fibre fabrics and polyurethane coated synthetic fibre fabrics. The two former trade associations have played an important part in the preparation of this revision, which brings in new developments in coated fabrics under the general heading of coated fabrics for water resistant clothing and makes use of metric units. These fabrics are not specifically designed to give protection against hazardous chemicals, for which separate standards are available, and hence the title has reverted to a version nearer to that used for the original publication.

The standard is a performance specification for coated fabrics for use in activity clothing (i.e. clothing used in certain occupational and sporting pursuits) and is intended to be used in conjunction with BS 3424, 'Methods of test for coated fabrics'. Requirements are specified for one or more grades on each base cloth, and guidance on the application of the various grades is given in Appendix A.

Factors for obtaining imperial equivalents of the dimensions and values specified are given in Appendix B.

A scheme for the selection of test specimens is given in Appendix C.

Certification. Attention is drawn to the certification facilities described on the inside back cover of this standard.