

Specification for

Insulating and sheathing materials for cables —

Part 0: General introduction

ICS 29.035.20

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee GEL/20, Electric cables, to Subcommittee GEL/20/3, Insulation and sheath, upon which the following bodies were represented:

- Association of Consulting Engineers
- British Approvals Service for Cables
- British Cable Makers Confederation
- British Plastics Federation
- British Railways Board
- British Rubber Manufacturers' Association Ltd.
- British Telecommunications plc
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Electricity Association
- ERA Technology Ltd.
- GAMBICA (BEAMA Ltd.)
- London Underground Ltd.
- Ministry of Defence
- Queen Mary and Westfield College
- Telecommunications Cables Group of BCMC
- Warrington Fire Research Centre

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Foreword

This part of BS 7655 has been prepared by Subcommittee GEL/20/3. It supersedes BS 7655-0:1993 which is withdrawn.

This part of BS 7655 provides a general introduction to the series of sections that comprise BS 7655, together with a list of those sections currently published. In addition, this revision of part 0 includes a complete list of the test methods which are called up in the sections of BS 7655, with a dated reference to the most recent edition of the standard in which each test method is given. The sections of BS 7655 give test methods but do not refer to a particular edition of the relevant standard. This information is given only in part 0, which needs to be consulted for each test.

The consequence of these changes is that part 0 is now normative.

BS 7655 incorporates all currently harmonized materials specified in Harmonization Documents HD 21.1 and HD 22.1, published by the European Committee for Electrotechnical Standardization (CENELEC) together with other materials required for national use. It is the intention to incorporate other materials as appropriate by issuing further sections.

Attention is drawn to the certification services of the British Approvals Service for Cables (BASEC)¹⁾. These services include the licensing of manufacturers to use BASEC certification marks as independent assurance that cables and cords have been designed and manufactured to appropriate British Standards. BASEC is a subscriber to an agreement in CENELEC whereby cables and cords coming within Harmonized Code Designations and manufactured under a BASEC licence can carry marks acceptable to other signatory countries (CENELEC “Common Marking”).

It has been assumed in the preparation of this British Standard that the execution of its provisions will be entrusted to appropriately qualified and experienced people, for whose use it has been produced.

WARNING: The methods of test described in this British Standard do not necessarily detail all precautions necessary to meet the requirements of the Health and Safety at Work, etc. Act 1974. Attention should be paid to any appropriate safety precautions and the test should only be carried out by trained personnel.

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.

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¹⁾ British Approvals Service for Cables, 23 Presley Way, Crownhill, Milton Keynes, MK8 0ES.