

Vulcanized fibre for electrical purposes —

Part 2: Methods of test

[IEC title: Specification for vulcanized fibre for electrical
purposes Part 2: Methods of test]

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the General Electrotechnical Engineering Standards Committee (GEL/-) to Technical Committee GEL/16 upon which the following bodies were represented:

- Adhesive Tape Manufacturers Association
- British Industrial Ceramic Manufacturers Association
- British Paper and Board Industry Federation (PIF)
- British Plastics Federation
- British Telecommunications plc
- Department of Trade and Industry — National Measurement Accreditation Service
- ERA Technology Ltd
- Electrical and Electronic Insulation Association (BEAMA Ltd)
- Electricity Supply Industry in England and Wales
- Electronic Engineering Association
- Ministry of Defence
- RAPRA Technology Ltd
- Rotating Electrical Machines Association (BEAMA Ltd)
- Telecommunication Engineering and Manufacturing Association (TEMA)
- Transmission and Distribution Association (BEAMA Ltd)

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Royal Society of Chemistry
- Coopted member

This British Standard, having been prepared under the direction of the General Electrotechnical Engineering Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 November 1987

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The following BSI references relate to the work on this standard:
Committee reference GEL/16
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National foreword

This Part of BS 6091 has been prepared under the direction of the General Electrotechnical Engineering Standards Committee and is identical with IEC Publication 667-2:1982 “*Specification for vulcanized fibre for electrical purposes Part 2 Methods of test*”, published by the International Electrotechnical Commission (IEC), as amended by Amendment No. 1 February 1986.

This Part of BS 6091 together with Part 1 supersedes the general and test clauses of BS 216:1961, BS 934:1940 and BS 2768:1956 which are withdrawn.

The Individual sheets of IEC Publication 667-3 “*Specifications for individual materials*” will be available on publication from BSI Sales Department, Linford Wood, Milton Keynes MK14 6LE.

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

Where, in the introduction, the word “standard” appears, it should be read as “Part of BS 6091”.

Wherever page numbers are quoted, they are IEC page numbers.

Cross-references

International standard	Corresponding British Standard
IEC 554-2:1977	BS 5626 Cellulosic papers for electrical purposes Part 2:1979 Methods of test (Identical)
IEC 641-2:1979	BS 5937 Pressboard and presspaper for electrical purposes Part 2:1980 Methods of test (Identical)
ISO 62-1980	BS 2782 Methods of testing plastics Methods 430A to 430D:1983 Determination of water absorption at 23 °C. Determination of water absorption at 23 °C with allowance for water-soluble matter. Determination of boiling water absorption. Determination of boiling water absorption with allowance for water-soluble matter (Identical)
ISO/R 149:1960	BS 3855:1965 Method for modified Erichsen cupping test for sheet and strip metal (Technically equivalent)
ISO 178-1975	BS 2782 Methods of testing plastics Method 335A:1978 Determination of flexural properties of rigid plastics (Identical)
ISO 287-1985	BS 3433:1986 Method for determination of moisture content of paper and board by the oven-drying method (Identical)
ISO 1924/1-1983	BS 4415 Determination of the tensile properties of paper and board Part 1:1985 Constant rate of loading method (Identical)
ISO 1974-1974	BS 4468:1969 Method for the determination of the internal tearing resistance of paper (Technically equivalent)

ISO 2144-1983	BS 3631:1984 Method for determination of ash of paper and board (Identical)
ISO 2758-1983	BS 3137:1972 Methods for determining the bursting strength of paper and board (Technically equivalent)

The Technical Committee has reviewed the provisions of the following international standards, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this Part of BS 6091. Related British Standards are given in parentheses.

IEC 243-1967	(BS 2918:1957 Determination of electric strength of solid insulating materials at power frequencies)
IEC 296-1982	(BS 148:1984 Specification for unused mineral insulating oils for transformers and switchgear)
ISO 604-1973	(No British Standard)

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.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

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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.