

Specification for

Laboratory sintered or fritted filters including porosity grading

[ISO title: Laboratory sintered (fritted) filters — Porosity grading, classification and designation]

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Laboratory Apparatus Standards Committee (LBC/-) to Technical Committee LBC/13 upon which the following bodies were represented:

- British Laboratory Ware Association
- British Plastics Federation
- Confederation of British Industry
- Glass Manufacturers' Federation
- Institution of Chemical Engineers
- Royal Society of Chemistry
- Coopted members

This British Standard, having been prepared under the direction of the Laboratory Apparatus Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 December 1983

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National foreword

This British Standard has been prepared under the direction of the Laboratory Apparatus Standards Committee and is identical with ISO 4793 “*Laboratory sintered (fritted) filters — Porosity grading, classification and designation*” published in 1980 by the International Organization for Standardization (ISO). It is a revision of BS 1752:1963 which is withdrawn.

The principal differences between this edition of BS 1752 and the 1963 edition concern the porosity grading and designation. Whilst all the designations have changed, only some of the limits of pore size have changed. To assist purchasers of laboratory sintered filters, the changes are shown graphically in a National appendix.

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.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Additional information. The unit of pressure used in this standard is the bar. For conversion to SI units, the equation $1 \text{ bar} = 100 \text{ kPa}$ should be used.

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

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.