

Guide to

# Choice of aperture size and wire diameter combinations for industrial wire screens and woven wire cloth —

**Part 3: Preferred combinations for  
pre-crimped or pressure-welded wire  
screens**

UDC 621.928.2

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Laboratory Apparatus Standards Policy Committee (LBC/-) to Technical Committee LBC/37, upon which the following bodies were represented:

- BLWA Ltd. (The Association of the Laboratory Supply Industry)
- British Cement Association
- British Coal Corporation
- Coated Abrasives Manufacturers' Association
- Guild of Metal Perforators
- Institution of Chemical Engineers
- Institution of Mining and Metallurgy
- Ministry of Defence
- National Association of British and Irish Millers
- Society of Chemical Industry
- Society of Cosmetic Scientists
- Woven Wire Association
- Coopted members

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

- Aluminium Federation
- British Aggregate Construction Materials Industries
- Chemical Industries' Association
- Institution of Mining Engineers
- Oil and Colour Chemists Association
- Royal Society of Chemistry
- University of Bradford

This British Standard, having been prepared under the direction of the Laboratory Apparatus Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 September 1993

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The following BSI references relate to the work on this standard:  
Committee reference LBC/37  
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## Amendments issued since publication

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# Contents

|                                                                  | Page               |
|------------------------------------------------------------------|--------------------|
| Committees responsible                                           | Inside front cover |
| National foreword                                                | ii                 |
| 1 Scope and field of application                                 | 1                  |
| 2 References                                                     | 1                  |
| 3 Designation                                                    | 1                  |
| 4 Aperture size and wire diameter combinations                   | 1                  |
| 5 Mass per unit area                                             | 1                  |
| Figure — Width of aperture and diameter of wire                  | 1                  |
| Table 1 — Types and screen conversion factors <sup>2</sup>       |                    |
| Table 2 — Preferred aperture size and wire diameter combinations | 3                  |
| List of references                                               | Inside back cover  |

# National foreword

This Part of BS 7372 has been prepared under the direction of the Laboratory Apparatus Standards Policy Committee. It is identical with ISO 4783-3:1981 *Industrial wire screens and woven wire cloth — Guide to the choice of aperture size and wire diameter combinations — Part 3: Preferred combinations for pre-crimped or pressure-welded wire screens*, published by the International Organization for Standardization (ISO). ISO 4783-3:1981 was prepared by Technical Committee 24 of ISO, with the UK taking an active part.

BS 7372 consists of the following Parts:

- *Part 1: General;*
- *Part 2: Preferred combinations for woven wire cloth;*
- *Part 3: Preferred combinations for pre-crimped or pressure-welded wire screens.*

Parts 1 and 2 are identical with ISO 4783-1:1989 and ISO 4783-2:1989, respectively.

It was originally intended that ISO 4783-3:1981 would not be considered for implementation as a British Standard until it had been revised. However, revision of the ISO standard has not taken place, and the Technical Committee has agreed that, to avoid further delay, the international standard should be implemented in its current form.

BS 7372-3:1993 supersedes BS 481-2:1972, which is withdrawn.

## Cross-references

| International standard | Corresponding British Standard                                                                                                                                  |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ISO 3:1973             | BS 2045:1965 <i>Preferred numbers</i>                                                                                                                           |
| ISO 497:1973           | (Technically equivalent)<br>BS 7372 <i>Guide to the choice of aperture size and wire diameter combinations for industrial wire screens and woven wire cloth</i> |
| ISO 4783-1:1989        | Part 1:1991 <i>General</i><br>(Identical)                                                                                                                       |
| ISO 4783-2:1989        | Part 2:1991 <i>Preferred combinations for woven wire cloth</i><br>(Identical)                                                                                   |

The Technical Committee has reviewed the provisions of ISO 2194:1991 and ISO 4782:1987, to which normative reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. A related British Standard for ISO 2194 is BS 410:1986. There is no British Standard corresponding to ISO 4782.

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.