

Non-metallic conduit fittings for electrical installations —

Part 1: Specification for fittings and components of insulating material

ICS 29.120.10

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- Association of Short Circuit Testing Authorities
- Association of Supervisory and Executive Engineers
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- Light Metal Founders' Association
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- National Economic Development Office
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Amendments issued since publication

Amd. No.	Date of issue	Comments
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A2	March 2010	See foreword

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Foreword

Publishing information

This British Standard was published by BSI and came into effect on 28 February 2010. It was prepared by Technical Committee PEL/213, *Cable Management Systems*.

The start and finish of text introduced or altered by Amendment No. 2 is indicated in the text by tags **1A2** **2A2**.

Supersession

BS 4607-1:1984+A2:2010, supersedes BS 4607-1:1984+A1, which is withdrawn.

Information about this document

The products complying with this standard shall also comply with the relevant requirements of BS EN 61386-1.

Other parts in this standard are:

- *BS 4607-5 Non-metallic conduit fittings for electrical installations Part 5: Specification for rigid conduit fittings and boxes of insulating material.*

Presentation conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is “shall”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its 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 12, 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.

1 Scope

A2 This Part of BS 4607 specifies dimensions for conduit fittings forming part of a conduit system conforming to the relevant part of the BS EN 61386 series to ensure safety and interoperability. **A2**

2 **A2** Terms and definitions **A2**

For the purposes of this Part of BS 4607 the following **A2** terms and **A2** definitions apply.

2.1

component

A2 part of a conduit fitting which may be common to several conduit fittings **A2**

3 General requirements

A2 **3.1** The products complying with this standard shall also comply with the requirements of BS EN 61386-1. **A2**

3.2 Dimensions for different sizes of conduit fittings and components shall be as given in the standard sheets as listed below.

Saddles, spacer	sheet 1
Adaptor body, interior thread	sheet 2
Bushes hexagonal, external thread	sheet 3
Adaptor body, external thread	sheet 4
Locknuts and lockrings	sheet 5
Inspection elbows, plain	sheet 6
Inspection tees, plain	sheet 7
Bends, plain and parallel	sheet 8
Adaptor, oval to round, tangent	sheet 9
Adaptor, oval to round, central	sheet 10
Bush	sheet 11

Compliance shall be checked by measurement.

A2 **3.3** *Text deleted* **A2**

4 **A2** *Text deleted* **A2**

5 **A2** *Text deleted* **A2**

6 **A2** *Text deleted* **A2**

7 **A2** *Text deleted* **A2**

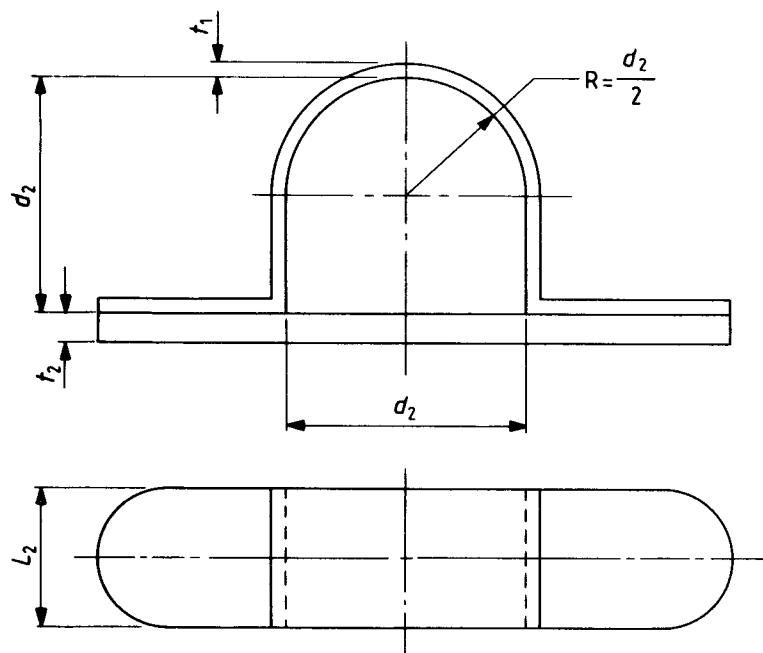
8 **A2** *Text deleted* **A2**

9 **A2** *Text deleted* **A2**

10 **A2** *Text deleted* **A2**

11 **A2** *Text deleted* **A2**

Standard sheet 1
Saddles, spacer



All dimensions are in millimetres.
NOTE 1 Provision is to be made for securing the saddle or spacer to the mounting surface.
NOTE 2 Provision is to be made for securing the saddle to the spacer, if any.
NOTE 3 The illustration is not intended to govern design except as to the dimensions shown.

Nominal size	d_2 min.	L_2 min.	t_1 min.	t_2 min.
16	16	16	1.3	4
20	20	16	1.5	4
25	25	18	1.5	4
32	32	18	1.75	4.3