

BS 4660:2022



BSI Standards Publication

**Thermoplastics ancillary fittings of  
nominal sizes 110 and 160 for below  
ground gravity drainage and sewerage —  
Specification**

**Publishing and copyright information**

The BSI copyright notice displayed in this document indicates when the document was last issued.

© The British Standards Institution 2022

Published by BSI Standards Limited 2022

ISBN 978 0 539 16106 9

ICS 91.140.80; 93.030; 83.140.30

The following BSI references relate to the work on this document:

Committee reference PRI/88/1

Draft for comment 21/30430132 DC

**Amendments/corrigenda issued since publication**

Date

Text affected

---

# Contents

	Page
<b>Foreword</b>	<b>ii</b>
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms, definitions, symbols and abbreviations	3
<i>Figure 1 — Example of an adaptor</i>	3
<i>Figure 2 — Examples of adjustable fittings</i>	4
<i>Figure 3 — Examples of gullies</i>	5
<i>Figure 4 — Typical channel fittings</i>	7
4 Materials	8
4.1 General	8
4.2 Additional requirements for exposed fittings	8
5 General characteristics	8
5.1 Appearance	8
5.2 Colour	9
5.3 Adhesives	9
5.4 Elastomeric joint rings	9
6 Geometrical characteristics	9
6.1 General	9
6.2 Dimensions	9
7 Mechanical characteristics	10
<i>Table 1 — Mechanical characteristics of ancillary fittings</i>	10
8 Physical characteristics	10
8.1 Injection moulded ancillary fittings	10
8.2 Fabricated ancillary fittings	10
<i>Table 2 — Physical characteristics of fabricated ancillary fittings</i>	11
9 Performance characteristics	11
9.1 General	11
<i>Table 3 — Fitness for purpose requirements for ancillary fittings</i>	11
9.2 Classification by area of installation	12
10 Marking and additional documentation	12
10.1 General	12
<i>Table 4 — Minimum required marking of ancillary fittings</i>	13
10.2 Additional documentation	13
<b>Annex A</b> (informative) <b>Guidance on quality control testing</b>	<b>14</b>
<i>Table A.1 — Applicability of requirements and test methods</i>	14
<b>Annex B</b> (normative) <b>Method of test for the impact resistance of gully grates and covers</b>	<b>15</b>
<b>Annex C</b> (normative) <b>Method of test for water seal</b>	<b>16</b>
<b>Bibliography</b>	<b>18</b>

## Summary of pages

This document comprises a front cover, an inside front cover, pages I to IV, pages 1 to 18, an inside back cover and a back cover.