

Continental quilts —

Part 1: Specification for quilts containing fillings other than feather and/or down

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Committees responsible for this British Standard

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Association of Consulting Scientists
British Retailers Association
British Textile Confederation
Cooperative Union
Consumer Policy Committee of BSI
Department of Health
Home and Contract Furnishing Textiles Association
Institute of Trading Standards Administration
International Wool Secretariat
Mail Order Traders' Association
National Bed Federation Limited
National Fillings Trades Association
Natural Fillings Producers' Association

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Foreword

This Part of BS 5335 has been amended by Technical Committee TCI/66, *Apparel and interior textiles*. It is published by BSI and came into effect on 30 June 2010, superseding BS 5335-1:1991+A1:1998.

This standard comprises two parts:

- *Part 1: Specification for quilts containing fillings other than feather and/or down;*
- *Part 2: Specification for quilts filled with feather and/or down.*

In Part 1, the range of warmth categories has been extended, and several modifications have been made to the method for determination of thermal resistance. The requirement for thermal resistance is still applicable only to new quilts.

A qualitative requirement for resistance to percolation of the filling through the casing material is retained, although it is intended to publish a quantitative requirement, together with an associated method of test, as soon as a reproducible test becomes available.

This amendment brings Part 1 in line with the 2006 edition of Part 2, which was made necessary with the publication of BS EN 13186:2004.

The start and finish of text introduced or altered by Amendment No. 2 is indicated in the text by tags **[A2]** **[A2]**. Minor editorial changes are not tagged.

General advice and information for manufacturers and retailers have been included in Appendix F. In particular, attention is drawn to the Textile Products (Indications of Fibre Content) Regulations 1986 (SI 1986, No. 26) and subsequent amendments.

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 cannot confer immunity from legal obligations. In particular, attention is drawn to the Rag Flock and Other Filling Materials Regulations 1981 (SI 1981, No. 1218) and to the Textile Products (Indications of Fibre Content) Regulations 1986 (SI 1986, No. 26) and subsequent amendments.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 10, 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

This Part of BS 5335 specifies requirements for the construction, marking and performance of continental quilts containing fillings other than feather and/or down, supplied for domestic use.

A2 Text deleted **A2**

NOTE The provisions of this standard do not apply to items of bedding that are supplied for use in children's products, such as cots, Moses baskets and sleeping bags **A2**.

2 Definitions

For the purposes of this standard, the **A2** following definitions apply.

2.1 quilt

an item of bedding, consisting of a filling material enclosed by a casing, that is intended to be used without another form of top bedding other than an outer cover, and having a defined warmth-to-weight ratio

NOTE A quilt is also known as a duvet. **A2**

2.2 filling

the insulating material contained within the casing

2.3 casing

the textile fabric envelope containing the filling

NOTE A casing is also known as a primary cover.

A2 Text deleted **A2**

2.5 tog

a unit of thermal resistance, equal to one-tenth of a square metre kelvin per watt

$$1 \text{ tog} = 0.1 \text{ m}^2 \cdot \text{K/W}$$

2.6 thermal resistance of a quilt

ten times the temperature difference between the two faces of a quilt (in K), when the heat flow rate across unit area is equal to 1 W/m^2

NOTE The thermal resistance of a quilt is also known as its tog value.

2.7 warmth-to-weight ratio

a measure of the efficiency of the quilt as a heat insulator relative to its mass. It is equal to the ratio of the thermal resistance of the quilt (in togs) to its mass per unit area (in g/cm^2)

A2 Text deleted **A2**

2.9 composite **A2** Text deleted **A2** quilt

a quilt consisting of two or more separate parts, each with its own casing

3 General

3.1 All types of quilt

The requirements shall apply to a quilt before cleansing, except where otherwise stated.

3.2 Composite quilts

Each part of a composite quilt and the composite formed from all the parts together shall comply with 3.1.

4 Performance

4.1 Dimensions

The mean width and mean length shall not vary by more than **A2** 5 % **A2** from the dimensions stated on the label, when measured in accordance with Appendix B. **A2** Text deleted **A2**

NOTE Attention is drawn to the information given in F.1.

A2 Text deleted **A2**

4.3 Thermal resistance

4.3.1 The thermal resistance of a quilt shall be not less than **A2** half a tog below the **A2** value stated on the label [see 8.1 g)] and shall not exceed it by more than 3 togs, when determined in accordance with Appendix D.

NOTE Attention is drawn to the information given in F.2.

4.3.2 If the thermal resistance of a quilt can be varied, the quilt shall comply with **4.3.1** in each mode of use specified by the manufacturer [see 8.1 g)].

4.4 Warmth-to-weight ratio

The warmth-to-weight ratio shall be not less than 100, when calculated in accordance with Appendix E.