

METHODS OF
MEASURING THE PERFORMANCE OF
DOMESTIC ELECTRICAL APPLIANCES

Part 6
ELECTRICALLY-HEATED
BLANKETS

BS 3999 : Part 6 : 1969

THIS BRITISH STANDARD, having been approved by the Electrical Industry Standards Committee was published under the authority of the Executive Board on 28 February, 1969.

SBN: 580 05276 1

The Institution desires to call attention to the fact that this British Standard does not purport to include all the necessary provisions of a contract.

In order to keep abreast of progress in the industries concerned, British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

A complete list of British Standards, numbering over 5000, fully indexed and with a note of the contents of each, will be found in the British Standards Yearbook, price 15s. The BS Yearbook may be consulted in many public libraries and similar institutions.

This standard makes reference to the following British Standards:

BS 1363. 13 A plugs, switched and unswitched socket-outlets and boxes.

BS 2747. Textile care labelling code.

BS 3042. Standard test fingers for checking protection against electric shock and mechanical hazard.

BS 3257. Principles and terms for the description of fabrics (with special reference to fibre content).

BS 3456. The testing and approval of domestic electrical appliances. Part A. Heating and cooking appliances. Section A1. General requirements. Section A4. Electrically-heated blankets.

British Standards are revised, when necessary, by the issue either of amendment slips or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or editions.

The following BSI references relate to the work on this standard:
Committee references ELE/94, ELE/94/6. Draft for comment 66/7806

Amendment Slip No. 1, published 15 January, 1970
to BS 3999 : Part 6 : 1969
Methods of measuring the performance of domestic
electrical appliances
Part 6. Electrically-heated blankets

Revised text

Foreword. Add the following paragraph at the end of the foreword:

‘Amendment Slip No. 1 (AMD 403) published in January, 1970, has been issued to introduce detailed changes in the mechanical design of the machine shown in Fig. 2. These changes have arisen as a result of further experience in the use of the machine. It has been found that with the chain sprockets locked to the roller, the rubber balls needed frequent replacement because of the different velocities of blanket and drum. This amendment makes the drum independent of the chain and driving bar. The modification does not in any way affect the action of the machine nor the results of the measurements.’

Clause 11.1 Procedure

Delete the last sentence of the third paragraph of this clause and substitute the following:

‘Operate the machine by rotating the large driving sprockets at a speed of $33\frac{1}{3}$ r.p.m. and pass the blanket round the rollers as follows.’

Fig. 2a. Machine for durability test

In the figure delete the word ‘sprocket’ and substitute ‘driving sprockets (pitch circle diameter of teeth 230)’.

Delete the text of the existing Note 2 and substitute the following:

‘The drum incorporating the knobs and the square section roller are free to revolve independently of the driving sprockets and are driven by the blanket passing over them.’

Add the following new Note 3:

‘NOTE 3. The driving sprockets are rotated at a speed of $33\frac{1}{3}$ r.p.m.’

Annex A

Title. Delete the existing title and substitute the following:

‘Suggested information required for an informative label for an electrically-heated blanket’.

Clause A.1 Delete the first two lines of this clause and substitute

‘The label may be required to bear the following information:’.

Delete the footnote reference to BS 3456.

Clause A.3 Delete the first sentence of this clause and substitute

‘The following outline information label for an electrically-heated blanket is included for information only.’

Annex B

Clause B.1 In line 1 delete ‘The Consumer Council requires’ and substitute ‘It is recommended that’.

In line 2 delete ‘to’ and substitute ‘should’.

Amendment Slip No.2, published 11 May, 1973
to BS 3999 : Part 6 : 1969

Methods of measuring the performance of domestic
electrical appliances
Part 6. Electrically-heated blankets

Revised text

Title. On the cover, title page and page 5, delete 'domestic' and substitute 'household' in the title.

Contents. Delete the existing title of Annex A and substitute the following: 'Suggested information required for an informative label for an electric blanket'.

Foreword. Delete the existing text and substitute the following:
'The British Standards Institution is preparing standard methods for measuring the performance of a wide range of consumer goods. Originally prepared at the request of the Consumer Council, these methods may be used to provide some of the data required for an informative labelling scheme.

The methods of measurement for household electric appliances will form parts of BS 3999. Each part will apply to a particular appliance.

In the case of household electrical appliances, the relevant safety requirements are contained in appropriate sections of BS 3456, 'The testing and approval of household electrical appliances'.

This part of BS 3999 prepared under the authority of the Electrical Industry Standards Committee, deals with the standard methods of measuring the performance of electrically-heated blankets.

Appendix Z gives classification of electrically-heated blankets. Annex A gives suggested information required for an informative labelling scheme for electrically-heated blankets and Annex B gives use and care instructions.'

Clause 1. Scope. In the fourth line of this clause delete 'domestic' and substitute 'household'.

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CONTENTS

Co-operating organizations	Page 4
Foreword	5

METHODS

1. Scope	5
2. Definitions	6
3. General conditions of measurement	6
4. Dimensions and weight	7
5. Evenness of temperature	8
6. Heating-up time	9
7. Ambient temperature compensation	10
8. Cyclic variation	10
9. Mothproofness of the enclosure and cover	11
10. Influence of cleaning	11
11. Durability	11
12. Functional provisions	12
13. Covers	12
14. Flexible cords	12
15. Acoustical noise	12
16. Radio and T.V. suppression	12

APPENDIX

Z. Classification of electric blankets	13
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ANNEXES

A. Information required for the Consumer Council Teltag label for an electric blanket	13
B. Instructions for use and care	17

FIGURES

1. Distribution of thermocouple discs for measurements of temperature	18
2a. Machine for durability test	19
2b. Roller and drum assembly	20