

Australian Standard[®]

**Textiles for hospitals and
institutions—Blankets**

**Part 2: Cotton woven cellular
blankets**

This Australian Standard was prepared by Committee TX/15, Hospital Textiles and Textile Products. It was approved on behalf of the Council of Standards Australia on 7 February 1990 and published on 17 September 1990.

The following interests are represented on Committee TX/15:

Australian Chamber of Commerce
Australian Confederation of Apparel Manufacturers
Australian Nursing Federation
Australian Wool Corporation
AWTA Textile Testing
Confederation of Australian Industry
Department of Administrative Services, N.S.W.
Department of Corrective Services, N.S.W.
Department of Defence
Department of Community Services and Health
Department of Health, N.S.W.
Department of Health and Community Services, N.T.
Department of Health, Qld
Health Department, W.A.
Hospital Laundry Managers Association of Australia
South Australian Health Commission
Textile Clothing and Footwear Council of Australia
Textile Distributors Association
Towel Manufacturers Association of Australia

Review of Australian Standards. To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

Australian Standard[®]

**Textiles for hospitals and
institutions—Blankets**

**Part 2: Cotton woven cellular
blankets**

First Published as AS 2390.2—1990.

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 6205 6

PREFACE

This Standard was prepared by the Standards Australia Committee on Hospital Textiles and Textile Products under the direction of the Textile Standards Board. Of the organizations represented on the Committee, the Australian Wool Corporation did not agree to the publication of this Standard.

AS 2390.1—1985, *Textiles for hospitals and institutions—Blankets—Wool blankets*, is Part 1 of this Standard.

CONTENTS

	Page
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	3
1.2 REFERENCED DOCUMENTS	3
1.3 DEFINITIONS	3
1.4 CLASSIFICATION	3
1.5 SELECTION OF TEST SAMPLES	3
1.6 MARKING	3
SECTION 2 MANUFACTURING REQUIREMENTS	
2.1 FIBRE CONTENT	5
2.2 FABRIC CONSTRUCTION	5
2.3 COLOUR AND FINISH	5
2.4 HEMS	5
2.5 MASS	5
2.6 DIMENSIONS	5
SECTION 3 PERFORMANCE REQUIREMENTS	
3.1 BREAKING FORCE	6
3.2 DIMENSIONAL STABILITY	6
3.3 COLOURFASTNESS	6
3.4 FLAMMABILITY	6
APPENDICES	
A PURCHASING GUIDELINES	7
B MEASUREMENT OF BLANKETS	8
C DETERMINATION OF DIMENSIONAL STABILITY	10

© Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

STANDARDS AUSTRALIA

Australian Standard

Textiles for hospitals and institutions—Blankets

Part 2: Cotton woven cellular blankets

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE. This Standard specifies requirements for cotton, woven cellular blankets for use in hospitals and kindred institutions. The requirements specified relate to fibre content, blanket construction, colour, hemming and colourfastness. Test methods for measuring the physical properties of the blanket materials are also included.

NOTES:

1. For situations where fire is considered a hazard, Clause 3.4 describes test methods for determining the acceptability of cotton-woven cellular blankets which have been treated with a fire retardant.
2. Appendix A contains recommendations and advice on information which should be provided by the purchaser at the time of enquiry or order.
3. A sealed sample may be held by the purchaser as a reference for properties not specified in this Standard.

1.2 REFERENCED DOCUMENTS. The following documents are referred to in this Standard:

AS

1957 Care labelling of clothing, household textiles, furnishings, upholstered furniture, bedding, piece goods and yarns.

2001 Methods of test for textiles

2001.1 Method 1: Conditioning procedures

2001.2.3 Method 2.3: Physical test—Determination of breaking load and extension of woven textile fabrics

2001.4.1 Method 4.1: Colourfastness tests—Definitions and general requirements

2001.4.8 Method 4.8: Determination of colourfastness to water

2001.4.15 Method 4.15: Determination of colourfastness to washing

2001.4.17 Method 4.17: Determination of colourfastness to perspiration

2001.5.1 Method 5.1: Dimensional change—General requirements

2001.5.4 Method 5.4: Determination of dimensional change in laundering of textile fabrics and garments—Automatic washing method

2622 Textile products—Fibre content labelling

2860 Textiles—Stitch type—Classification and terminology

1.3 DEFINITIONS. For the purpose of this Standard, the definitions below apply.

1.3.1 Cellular blanket—a blanket constructed so as to have a close and orderly distribution of hollows and holes. In woven blankets this can be achieved by leno weave.

NOTE: In certain sections of the trade the term is restrictively used to describe leno cellular blankets.

1.3.2 Leno weave—a form of weaving in which warp threads are made to cross one another between the picks.

1.4 CLASSIFICATION. Cellular blankets as specified in Clause 2.1 are classified as follows:

Class C all cotton cellular blankets.

1.5 TEST SAMPLES. The test sample shall be a whole blanket and shall be representative of the lot under test.

6 MARKING. The following information shall be marked on each blanket using a label:

- (a) Manufacturer's registered name or trademark.
- (b) The size of the blanket (see Clause 2.5).
- (c) Fibre content, i.e. all cotton, in accordance with the requirements of AS 2622 (see Note 1).
- (d) Care instructions in accordance with AS 1957 (see Note 1).