

Australian Standard[®]

**Textiles for health care facilities
and institutions**

Part 8: Recyclable barrier fabrics

This Australian Standard was prepared by Committee TX/15, Textiles for Health Care Facilities and Institutions. It was approved on behalf of the Council of Standards Australia on 15 November 1996 and published on 5 January 1997.

The following interests are represented on Committee TX/15:

Australian Chamber of Commerce and Industry
Australian Linen Services Executive
Australian Wool Research and Promotion Organization
Australian Wool Testing Authority
Council of Textile and Fashion Industries of Australia
Department of Corrective Services, N.S.W.
Department of Public Works and Services, N.S.W.
Health Department, W.A.
Hospital Laundry Managers Association of Australia
N.S.W. Health Department
N.S.W. Operating Theatre Association
Textile Distributors Association
Textile Rental and Laundry Association of Australia
Victorian Institutional Laundries Association

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which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.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.

This Standard was issued in draft form for comment as DR 96015.

Australian Standard[®]

**Textiles for health care facilities
and institutions**

Part 8: Recyclable barrier fabrics

PREFACE

This Standard was prepared by the Standards Australia Committee TX/15 on Textiles for Health Care Facilities and Institutions, in response to requests from both suppliers and users of recyclable barrier fabrics. The Standard specifies performance requirements for unused fabrics.

CONTENTS

	<i>Page</i>
1 SCOPE	3
2 OBJECTIVE	3
3 REFERENCED DOCUMENTS	3
4 DEFINITION	4
5 AGREED SERVICE LIFE	4
6 CLASSIFICATION	4
7 MANUFACTURING REQUIREMENTS	4
8 SELECTION OF TEST SAMPLE	4
9 PERFORMANCE REQUIREMENTS	5
10 STERILIZATION	5
11 MARKING	5

Originated as AS 3789.8— 1997.

© 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 health care facilities and institutions

Part 8: Recyclable barrier fabrics

1 SCOPE The performance requirements of this Standard relate only to fabrics which have not been put into regular use in a working environment. They may have been subject to laundering, for example, but only as part of a test process. Test conditions do not necessarily reflect true laundry conditions.

2 OBJECTIVE The objective of this Standard is to provide manufacturers, suppliers, and purchasers of recyclable barrier fabric with a set of minimum performance requirements.

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

AS

- | | |
|-----------|---|
| 2001 | Methods of test for textiles |
| 2001.2.3 | Method 2.3: Physical tests—Determination of breaking force and extension of textile fabrics |
| 2001.2.10 | Method 2.10: Physical tests—Determination of the tear resistance of woven textile fabrics by the wing-rip method |
| 2001.2.12 | Method 2.12: Physical tests—Determination of width of fabrics |
| 2001.2.13 | Method 2.13: Physical tests—Determination of mass per unit area and mass per unit length of fabrics |
| 2001.2.16 | Method 2.16: Physical tests—Determination of water repellency of textile surfaces—Spray rating test |
| 2001.2.17 | Method 2.17: Physical tests—Determination of resistance of fabrics to water penetration—Hydrostatic pressure test |
| 2001.4.1 | Method 4.1: Colourfastness tests—Definitions and general requirements |
| 2001.5.4 | Method 5.4: Dimensional change—Determination of dimensional change in laundering of textile fabrics and garments—Automatic machine method |
| 2622 | Textile products—Fibre content labelling |
| 4187 | Code of practice for cleaning, disinfecting and sterilizing reusable medical and surgical instruments and equipment, and maintenance of associated environments in health care facilities |

ASTM

- | | |
|------|---|
| E 96 | Test methods for water vapour transmission of materials |
|------|---|

BS

- | | |
|---------|---|
| 3424 | Testing coated fabrics |
| 3424.10 | Part 10: Methods 12A and 12B. Determination of surface drag |
| 6524 | Method for determination of the surface resistivity of a textile fabric |