

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

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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.

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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

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| 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 win-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

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| D 3985 | Test methods for water vapour transmission of materials |
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BS

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| 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 |