

AS 3789.10:2025



STANDARDS
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Textiles for health care facilities and institutions

Part 10: Blankets

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- Australian Fashion Council
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- AWTA Product Testing (Testing Interests Australia)
- Department of Health, NT
- Federation of Sterilizing Research and Advisory Council of Australia
- HealthShare NSW
- Laundry Association of Australia
- Medical Technology Association of Australia
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Preface

This Standard was prepared by the Standards Australia Committee TX-015, Textiles for Health Care Facilities and Institutions, to supersede AS 3789.10—2000, *Textiles for health care facilities and institutions, Part 10: Blankets — Cotton woven cellular blankets*.

The objective of this document is to set out requirements for blankets for use in healthcare facilities and institutions.

A list of all parts in the AS 3789 series can be found in the Standards Australia online catalogue.

The major changes in this edition are as follows:

- (a) This document is a performance based, rather than specification-based, Standard.
- (b) Products currently in use have been included, and provision made for inclusion of products that may be in development.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix or annex is an integral part of a document, whereas an “informative” appendix is only for information and guidance.

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Section 1 Scope and general

1.1 Scope

This document specifies requirements for blankets for use in healthcare facilities and institutions. The requirements specified relate to performance requirements and physical properties. Test methods for measuring the physical properties and performance of the blanket materials are also included.

NOTE 1 For situations where fire is considered a hazard, [Clause 2.2](#) describes test methods for determining the acceptability of blankets.

NOTE 2 For situations where infection risk is considered a hazard, [Clause 2.6](#) describes test methods for determining the acceptability of blankets.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS 2001.2.10, *Methods of test for textiles, Part 2.10: Physical tests — Determination of the tear resistance of woven textile fabrics by the wing-rip method*

AS 2001.2.3.1, *Methods of test for textiles, Method 2.3.1: Physical tests — Determination of maximum force and elongation at maximum force using the strain method*

AS 2001.2.4, *Methods of test for textiles, Method 2.4: Physical tests — Determination of bursting pressure of textile fabrics — Hydraulic diaphragm method*

AS 2001.4.A01, *Methods of test for textiles, Method 4.A01: Colourfastness tests — General principles of testing (ISO 105-A01:1994, MOD)*

AS 2001.4.E01, *Methods of test for textiles, Method 4.E01: Colourfastness tests — Colourfastness to water*

AS 2001.4.E04, *Methods of test for textiles, Method 4.E04: Colourfastness tests — Determination of colourfastness to perspiration*

AS 2001.4.15, *Methods of test for textiles, Method 4.15: Colourfastness tests — Determination of colourfastness to washing*

AS 2001.5.4, *Methods of test for textiles, Method 5.4: Dimensional change — Domestic washing and drying procedure for textile testing (ISO 6330:2000, MOD)*

AS/NZS 4146, *Laundry practice*

ISO 11092, *Textiles — Physiological effects — Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test)*

ISO 12945-1, *Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 1: Pilling box method*

AATCC 100, *Test Method for Antibacterial Finishes on Textile Materials*

AATCC 147, *Test Method for Antibacterial Activity of Textile Materials — Parallel Streak*