

AS 3789.10-2025**Healthcare Facilities and Institutions – Blankets**

The Australian Standard AS 3789.10-2025 adopts a performance based approach for assessment of a blankets' suitability for use in a medical or institutionalised setting.

Each construction type is assessed using methods appropriate to its structure, and compliance looks at a number of core performance requirements, strength testing and colourfastness testing for coloured products.

**Performance requirements**

- Dimensional stability:** Products are required to meet minimum dimensions after either 5 commercial washing cycles or 5 laboratory hot wash / tumble dry cycles.
- Pilling:** Fabrics are tested to ISO 12945-1, tumbling in a pillbox for 14,400 cycles (4 hours). Rating is assigned on a 1- 5 scale, where 5 = no change and 1 = significant pilling observed. The specification requires a minimum rating of 3-4 for all products.
- Thermal resistance:** While the standard does not specify a minimum compliance, suggested values are provided as a guideline for suppliers.
- Strength testing:** The tensile strength and tearing resistance of woven blankets is measured. Knitted blankets are assessed based on the bursting pressure.
- Colourfastness:** The fastness to washing, water and perspiration is assessed on all coloured blankets. Rating is assigned on a 1- 5 scale, where 5 = no change and 1 = significant staining or colour change observed. The specification requires a minimum rating of 4 for all tests.
- Flammability:** Where a fire hazard is identified, flammability of the blankets is assessed to BS 7175, *The ignitability of bedcovers and pillows by a smouldering or flaming ignition source*, after 5 laboratory hot wash / tumble dry cycles.
- Hygiene:** Where infection risk management is required, and users are not able to guarantee disinfection during the cleaning process, suppliers may wish to test the blankets for their antimicrobial properties.

AWTA Product Testing can assist with testing to all requirements of AS 3789.10-2025. Contact our Technologists to discuss your testing needs or obtain a quotation.

Delivery Address	Further information
AWTA Product Testing Level 1, 191 Racecourse Rd, Flemington VIC 3031, Australia	AWTA Product Testing Phone: (03) 9371 2400 Email: producttesting@awta.com.au

IMPORTANT NOTE: That by submitting samples for testing **YOU AGREE** that the resulting testing shall be performed under our terms and conditions for testing and consulting services: www.awtaproducttesting.com.au/index.php/about/terms-and-conditions