



Bedsheets and pillow covers used in hospitals and clinics and other medical treatment organisation are required to meet the stringent processes of exposure to high temperatures for sterilisation and disinfection and also the requirements for frequent washing and contamination control.

The Indian Standard IS 17630:2021 specifies the quality requirements for medical-grade bedsheets and pillow covers. These textiles are intended for use in healthcare settings, where both single-use and reusable options may be required. The standard addresses important factors such as fabric strength, hygiene, and compatibility with sterilization processes to ensure that these items meet high standards of durability and safety in medical environments.

Key specifications include:

1. **Material Quality:** The standard defines the materials suitable for producing bedsheets and pillow covers, with a focus on durability, softness, and absorbency to provide comfort and meet healthcare needs.
2. **Sterility Requirements:** Items can be supplied in sterile or non-sterile conditions depending on the specific needs of the healthcare facility, following agreements between suppliers and buyers.
3. **Performance Testing:** IS 17630:2021 includes requirements for fabric strength, resistance to repeated washing, color fastness, and resistance to disinfection processes. This ensures longevity and maintains hygiene over time.
4. **Usage Conditions:** The standard applies to textile items used in patient care areas, emphasizing safety, quality, and performance across different healthcare applications.

The specifications in IS 17630:2021 help ensure that bedsheets and pillow covers meet the necessary hygiene and durability standards for patient care, supporting infection control and comfort in clinical settings.