

IS 17508 : 2020 Disposable Adult Incontinence Diaper — Specification

Adult incontinence diaper are personal **hygiene** products that allows the adult to defecate or urinate without the use of a toilet, by **absorbing** or containing waste products to prevent soiling of outer clothing or the external environment. These products are useful to manage bladder or bowel control problems for adults.

The **Indian Standard IS 17508** specifies the requirements and test methods for **disposable (non-reusable)** adult incontinence **diapers** for external use.

The **quality** parameters valued by consumers include the diaper's **absorbency**, **leakage protection**, **skin-friendliness**, **secure fit**, and hygiene standards. The product's ability to absorb and retain fluids without rewetting the surface, **pH compatibility** with skin, **durability**, and smoothness of materials also enhance user comfort and safety. Additionally, quality diapers are free from odours, skin irritants, or potentially harmful materials, which are essential for sensitive users.

To meet these quality expectations, the standard provides detailed specifications and testing requirements for each component of the diaper, including the top cover, absorbent core, and protective back sheet. It outlines the necessary properties such as minimum absorption rates, rewet under load, and pH range, ensuring **performance** and **comfort**. It also mandates hygiene testing, **biocompatibility** evaluation, and optional **biodegradability** standards to ensure consumer safety. Guidelines on **Good Manufacturing Practices (GMP)** are included to maintain product cleanliness.

Packaging and labelling requirements are also specified to inform consumers about product features, safe disposal, and any additional benefits, like antibacterial properties.