



IS 17787: 2021--Medical Textiles Nonwoven Wipes Specification

Scope of IS 17787: 2021

This Indian Standard defines the minimum performance requirements for single-use, dry or wet, nonwoven wipes used for various hygiene purposes, excluding wipes impregnated with alcohol or claiming germicidal properties. The standard aims to ensure product consistency, safety, and efficacy. It doesn't cover the chemical composition of cleaning agents, moisturizers, fragrances or preservatives used in the wipes, but it mandates compliance with permissible limits set by the Food and Drugs Authority of India or other relevant regulatory bodies.

Requirements for Consumers

Based on the standard's provisions, here are some key requirements for consumers:

- **Safe and Hygienic Products:** Consumers need assurance that the wipes they use are safe and manufactured under hygienic conditions. The standard mandates that wipes must be free from substances that could cause deterioration during storage and produced in facilities adhering to good hygiene practices.
- **Product Integrity:** Consumers expect wipes to remain intact and protected until use. The standard addresses this by specifying packaging requirements to ensure safe handling and transport without damage, preserving product integrity throughout its shelf life.
- **Accurate Product Information:** Consumers rely on clear and accurate information to make informed choices. The standard mandates detailed labelling on each pack, including product name, dimensions, quantity, manufacturer details, date of manufacture, intended use, country of origin, ingredients, usage instructions, disposal instructions, shelf life and any antibacterial claims.
- **Performance Standards:** Consumers expect wipes to meet certain performance standards. The standard defines requirements for pH levels, microbial limits, and optional antibacterial activity, ensuring the wipes are fit for their intended purpose.
- **Compliance with Regulations:** Consumers need assurance that the products comply with relevant safety and quality regulations. The standard explicitly states that wipes may be certified with the Standard Mark under the Bureau of Indian Standards Act, 2016, providing a mark of quality and compliance.

How the Standard Satisfies Requirements

"IS 17787 2021" primarily aims to standardise the production and performance of nonwoven wipes. By setting these standards, it indirectly satisfies consumer requirements in the following ways:

- **Safety and Hygiene:** The standard's emphasis on good manufacturing practices and the absence of harmful substances contributes to consumer safety and product hygiene.

- **Product Integrity:** The packaging requirements safeguard the wipes during handling and storage, assuring consumers of a protected and intact product.
- **Informed Choices:** Comprehensive labelling requirements empower consumers to make informed decisions based on product information, ingredients, intended use and safety instructions.
- **Quality Assurance:** Defined performance standards and the provision for BIS certification provide consumers with confidence in the quality and reliability of the wipes.