

Summary of IS 17354:2020 - Medical Textiles for Dental Bibs and Napkins

Definition of the Product:

IS 17354:2020 outlines essential specifications for dental bibs and napkins, crucial medical textiles specifically designed for use in dental practices. These products are categorized into disposable and reusable types, aimed at protecting patients and dental equipment from contamination during dental procedures.

Quality Parameters Expected by Consumers:

Consumers demand high-quality dental bibs and napkins that adhere to rigorous safety and performance standards. Key quality parameters include waterproofness to prevent fluid penetration, cleanliness with strict microbial limits to minimize infection risks, and sufficient tensile strength to ensure durability during use. For disposable options, consumers prioritize high absorption capacity and quick sinking times, while reusable products should feature effective fluid collection capabilities to enhance their functionality.

How the Standard Addresses These Expectations:

IS 17354:2020 effectively meets consumer expectations by establishing stringent performance requirements for dental bibs and napkins. The standard specifies clear criteria for waterproofness, microbial cleanliness, and tensile strength, ensuring that these medical textiles perform reliably under various conditions. It mandates comprehensive testing methods to validate these essential characteristics, ensuring compliance with safety and quality benchmarks. Additionally, the standard emphasizes proper manufacturing practices and hygienic conditions, which are vital for maintaining product integrity. By providing detailed guidelines on packing, labeling, and conformity assessment, IS 17354:2020 ensures that manufacturers produce dental bibs and napkins that not only meet regulatory requirements but also build consumer confidence in their safety, reliability, and effectiveness in medical applications.