

Sub-microfiber Cleanroom Wipe

◆ Product Description

Sub-microfiber cleanroom wipes are a high-end cleaning material between ordinary fibers and microfibers, with a fiber diameter only 1/3 that of ordinary cleanroom wipe fibers. Adopting special weaving technology, they deliver high performance close to that of microfibers, making them suitable for precision cleaning scenarios requiring a certain level of cleanliness without the need for extreme standards.



- Ultra-low Particle Emission & High Cleanliness
- Superior Cleaning & Adsorption Capacity
- Ultra-Softness & Surface Protection
- Excellent Durability & Cost-Effectiveness
- Multi-Functional Application Adaptability

◆ Product Structure

- Sub-microfiber cleanroom wipes are woven with high-density knitting technology to form a multi-layer fiber network, paired with laser edge-sealing technology to prevent fiber shedding. The finished products are available in various standard sizes and packaged in Class 100 cleanroom packaging. their microscopic micron-level pore structure combines low particle emission, high adsorption capacity, softness, wear resistance, and anti-static properties.

◆ Typical Applications

Sub-microfiber cleanroom wipes are widely applicable to the electronic semiconductor industry for flux removal on PCB boards, the optical field for pre-coating cleaning of lens coatings, the medical and biological industry for wiping surgical instruments, and laboratory precision equipment. they comprehensively meet the cleaning requirements of Class 100 cleanrooms and sensitive surfaces.

◆ Typical Product Data and Physical Properties

Material: 75% Polyester + 25% Nylon

Color: White

Model: 4009

Cleanliness Class: Class 100

Fiber Diameter: 0.11-0.3μm

Water Absorption: ≥230%

Tensile Strength: Warp Direction ≥130N; Weft Direction ≥110N

Coefficient of Friction: < 0.3

Availability:

Item#	Size	Weight	Packaging
1.3.05.03.0036	4"*4"	110g/m²	20bags/carton
1.3.05.03.0083	6"*6"	110g/m²	10bags/carton
1.3.05.03.0117	9"*9"	110g/m²	10bags/carton
1.3.05.03.0063	12"*12"	110g/m²	10bags/carton

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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