



Stati Tech Ltd.



HC-WP10099 Cleanroom wiper technical information

- Description:** 100% continuous-filament polyester in a double-knit, no-run interlock pattern, provides super low contamination on economical price.
- Features:** 2.1, 100% polyester continuous-filament; 2.2, laser cut
2.3, Laundered and packaged in cleanroom; 2.4, Vacuum double layer bag packaging; 2.5, Economical size options; 2.6 Statistical quality control.
- Benefit:** 3.1, Ultralow particulate, fiber release and extractable levels. 3.2, Permits rigorous wiping with minimal release of fibers and particles.
3.3 Provide high wiping strength to remove dust and stubborn stains effectively. 3.4, Economic
- Application:** 4.1, For further reducing particulate contamination in class 10-100 cleanroom, for LCD, microelectronics, semiconductor products or PCB manufacturing process. 4.2, Cleaning and burnishing magnetic media surface. 4.3, Cleaning and polishing the interior of stainless steel tubing.

5. Product

Size	Package (pcs)	Bag in bag Packaging
9" × 9"	150	Two inside bags, Vacuum Packaging
6" × 6"	150	Two inside bags, Vacuum Packaging
4" × 4"	300	Four inside bags, Vacuum Packaging

6. Product performance characteristics.

6.1 **Basis Weight:** 120g/m²

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6.2 **Thickness:** 0.43 mm

6.3 **Sorptive time:** 0.5Second

6.4 **Sorptive capacity:** 320ml/m²

7. Cleanness parameters

7.1 Particles and fibers

Dry Particles (Helmke drum test)	Typical Value P/pcs/min
≥0.3μm	80
≥0.5μm	50
Wet Particles and fibers	Typical Value P/cm ²
≥0.5μm	500
Fiber ≥100μm	0.01

7.2, Ions Concentration

IC	Typical Value (ppm)
Chloride (Cl ⁻)	0.2
Nitrite (NO ₃ ⁻)	0.2
Sulfate (SO ₄ ²⁻)	0.3

7.3, Nonvolatile Residues (NVR)

NVR	Typical Value (mg/g)

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NVR (D.I.W)	0.05
NVR (IPA)	0.3
FTIR	No Silicone, Amide or DOP

Remarks: The parameters in the technical information are typical value of the analysis of the product. They are for reference only, not specifications.

Stati Tech Ltd. continually refines its process and its products

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