



STATCLEAN TECHNOLOGY (S) PTE. LTD.

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STAT-WIPE Micro Fibre Wipes 68gsm (STWI-MF)

DESCRIPTION

Microfiber wiper is constructed from continuous filament micro denier nylon-polyester. These strong filaments have a high yarn-to-dust contact surface area, ensuring excellent wiping efficiency. Furthermore, its wedge-shaped cross-section acts as squeegees for superior contact with surface to be cleaned, generating excellent absorbency and particulate entrapment.



FEATURES

- Laser sealed edged ensures ultra low lint and particle level
- Good absorbency and wiping efficiency
- High chemical resistance
- Ideal for cleaning scratch sensitive surfaces

APPLICATIONS

- Suitable for class 10 - 100 cleanrooms
- Cleaning of lens and sensitive surfaces in optical and display industries

SIZE	Pcs/Bag	Bags/Case
12" x 12"	100	10
9" x 9"	100	10
6" x 6"	200	20
4" x 4"	200	20

TECHNICAL DATA

PERFORMANCE CHARACTERISTICS

Basis Weight : 68 +/- 3gsm
Thickness (micrometer) : 0.13mm ~ 0.19mm
Absorbency Rate & Capacity
(IEST RP-CC 004.3)
Sorptive capacity : 200ml/m²
Rate (Drop Disappearance mtd.) : < 3.0sec

CONTAMINATION CHARACTERISTICS

Non-volatile Residue, NVR
(IEST-RP CC 004.3, short term extraction)
IPA Extractant : 0.31 mg/g
(100ml IPA at ambient temperature for 24hrs)
DIW Extractant : 0.20 mg/g
(100ml DI Water at ambient temperature for 24hrs)

FTIR : No Silicon oil, Amide, DOP detected



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Ion Content

(IEST-RP CC 004.3, short term extraction)

Chloride (Cl)	0.00010mg/g
Nitrates (NO ₃)	0.00001mg/g
Nitrite (NO ₂)	0.00001mg/g
Sulphate (SO ₄)	0.000850mg/g
Sodium (Na)	0.00031 mg/g
Potassium (K)	0.00007 mg/g
Magnesium (Mg)	0.00006 mg/g
Calcium (Ca)	0.00010 mg/g

Releasable Particle

APC (Helmke Drum Test @ 10rpm); 0.3um : 100 counts/pc/cfm
(IEST-RP-CC 003.2)

NOTE:

*Data shown are typical values and should not be used as specifications.