



STATCLEAN TECHNOLOGY (S) PTE. LTD.

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STAT-WIPE Micro Fibre Wipes 220gsm (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

TECHNICAL DATA

SIZE	Pcs/Bag	Bags/Case
12" x 12"	50	10
9" x 9"	50	10
6" x 6"	100	20
4" x 4"	100	20

PERFORMANCE CHARACTERISTICS

Basis Weight : 220 +/- 5 gsm
Thickness (micrometer) : 0.40mm ~ 0.50mm
Absorbency Rate & Capacity
 (IEST RP-CC 004.3)
 Sorptive capacity : 350ml/m2
 Rate (Drop Disappearance mtd.) : < 2.0sec

CONTAMINATION CHARACTERISTICS

Non-volatile Residue, NVR
 (IEST-RP CC 004.3, short term extraction)
 IPA Extractant : 0.41 mg/g
 (100ml IPA at ambient temperature for 24hrs)
 DIW Extractant : 0.30 mg/g
 (100ml DI Water at ambient temperature for 24hrs)

FTIR : No Silicon oil, Amide, DOP detected

Ion Content
 (IEST-RP CC 004.3, short term extraction)



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Chloride (Cl)	0.00040mg/g
Nitrates (NO ₃)	0.00001mg/g
Nitrite (NO ₂)	0.00001mg/g
Sulphate (SO ₄)	0.000093mg/g
Sodium (Na)	0.00035 mg/g
Potassium (K)	0.00001 mg/g
Magnesium (Mg)	0.00002 mg/g
Calcium (Ca)	0.00008 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.