



TrueGuard Micro Denier Wipe

Product Order Code:MF4-9x9

Name	TrueGuard Micro Denier Wipe
Description	Microfiber wiper is constructed from continuous filament micro denier 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	<ul style="list-style-type: none">-Laser sealed edge ensures ultra low lint and particle level.-Good absorbency and wiping efficiency.-High chemical resistance.-Ideal for cleaning scratch sensitive surfaces.
Applications	-Cleaning of lens and sensitive surfaces inn optical and display industries
Performance Characteristics	
Basic Weight (IEST-RP-CC 004.3)	110 ± 5gsm
Thickness	0.24 ± 0.01mm
Absorbency (IEST-RP-CC 004.3)	
Sorptive capacity	218 ml/m ²
Rate	<2.0 sec

Contamination Characteristics

Nonvolatile Residue, NVR

(IEST-RP-CC 004.3)

IPA Extractant (100 ml IPA at ambient temp for 24 hrs) 218 ml/m²
<2.0 sec

FTIR

No Silicon Oil, Amide

Ion Content

(IEST-RP-CC 004.3)

Chloride (Cl) 0.00100mg/g

Nitrates (NO₃) 0.00001mg/g

Nitrite (NO₂) 0.00001mg/g

Sulphate (SO₄) 0.00200mg/g

Sodium (Na) 0.00100mg/g

Potassium (K) 0.00006mg/g

Magnesium (Mg) 0.00090mg/g

Calcium (Ca) 0.00100mg/g

Releasable Particles

LPC (≥ 0.5um) 2,000 counts/cm²
(IEST-RP-CC 004.3)

APC (Dry test: helmke Drum) ; ≥ 0.3um 100 counts/pc./cfm
(IEST-RP-CC003.2)

Product Codes

MF4-6x6"
MF4-9x9"
MF416x16"

Note:

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