

**ISO CLASS5 CLEAN ROOM MICRO FIBER WIPERS**

Wipers are made from 70% continuous filament of Polyester yarn and 30% of Nylon yarn for Micro Fiber Wiper. It can absorb liquids on contact with high abrasion resistant. Wipers provide cleanliness laundered with DI water filtered to 0.1 microns to ensure ultra low levels of particles, fibers, ions and extractable ion contamination. It is available with Ultrasonic cut edges to prevent particle generation. Wipers are packaged in ISO Class 5 (Class 100) Clean Room with double-bagged to maintain wipers cleanliness.

**WIPER QUALITY**

- Extremely low levels of particles and extractable
- Strong and durable fabric made of continuous filament, double knit Polyester
- Compatible with IPA, Acetone and other solvents
- Compatible with ISO Class 5 (Class 100) or higher cleanroom environments for the

Most delicate surface wiping tasks

- Ultrasonic Cut edge to minimize lint generation
- Offer bulk packaging for economical value wipers
- Complete lot to lot traceability of each bag
- Statistical quality control/ISO Quality Assurance

**WIPER ORDER DETAILS**

Size (W" x L")	Seal Edge	Packing Type	Packing		
			Sheets/Bag	Bags/Case	Sheets/Case
9" x 9"	Ultrasonic Cut	Stack	100	18	1800

**WIPER PERFORMANCE SPECIFICATION**

<u>Characteristic</u>	<u>Target Value</u>
<b>Physical</b>	
Basic Weight (g/m <sup>2</sup> )	160+/-10
<b>Absorbency</b>	
Absorbent Capacity ,Extrinsic (ml/m <sup>2</sup> )	N/A
Absorbent Capacity ,Intrinsic (ml/g)	N/A
Absorbency Rate (Seconds)	<1
<b>Partides</b>	
Particles > 0.5 um (particles/cm <sup>2</sup> )	< 1850
<b>Non Volatile Residue (mg/g)</b>	
DI Extractable	< 1.2
IPA Extractable	< 1.8
<b>Ions (mg/g)</b>	
Chloride (Cl <sup>-</sup> )	0.002
Ammonium (NH <sub>4</sub> )	0.002
Sulphate (SO <sub>4</sub> -2)	0.37
Total Ion	0.38
<b>FTIR (ng/g)</b>	
Silicone Oil ,Amide Slip Agent , DOP	< 13