

ISO CLASS 5 CLEAN ROOM POLYESTER WIPER

Wipers are made from 100% continuous filament of 75 denier white yarn Polyester in double knitted interlock pattern. 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) cleanroom 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 economic value wipers
- Complete lot to lot traceability of each bag
- Statistical quality control/ISO Quality Assurance
- Certificate of Conformance available

**MiSUMi****Technical data sheet**

Document No. SD-TDS06

Rev. B

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Effective Date : 18-Feb-21

WIPER ORDER DETAILS

Size (W" x L")	Seal Edge	Packing Type	Packing		
			Sheets/Bag	Bags/Case	Sheets/Case
2" x 4"	Ultrasonic	Bulk	15,000	9	13,500
4" x 4"	Ultrasonic	Bulk	600 & 1,200	14 & 7	8,400
4" x 4"	Ultrasonic	Stack	600	10	6,000
6" x 6"	Ultrasonic	Bulk	300	12	3,600
6" x 6"	Ultrasonic	Stack	300	10	3,000
9" x 9"	Ultrasonic	Bulk	150	10	1,500
9" x 9"	Ultrasonic	Stack	150	10	1,500
12" x 12"	Ultrasonic	Stack	100	7	700
19" x 19"	Ultrasonic	Stack	30	12	360

WIPER PERFORMANCE SPECIFICATION

<u>Characteristic</u>	<u>Target Value</u>
Physical	
Basic Weight (g/m ²)	140+/-10
Absorbency	
Absorbent Capacity ,Extrinsic (ml/m ²)	>350
Absorbency Rate (Seconds)	<1

Partides	
Particles > 0.5 um (particles/cm ²)	< 1000
APC ,Air particle count > 0.3 um (particles/piece)	< 1000
Non Volatile Residue (ug/cm ²)	
IPA Extractable	<2.5
Hexane Extractable	<2.0
Ions (ng/cm ²)	
Fluoride (F-)	30
Chloride (Cl-)	30
Nitrite (NO ₂ -)	30
Bromide (Br-)	30
Nitrate (NO ₃ -)	30
Phosphate (PO ₄ -3)	30
Sulphate (SO ₄ -2)	30
FTIR	
Silicone Oil ,Amide Slip Agent , DOP	Not Detected