

MiraWIPE® Wipers






cleaning critical surfaces



Description

MiraWIPE® is constructed from a continuous filament micro denier nylon/polyester fabric to enhance contamination entrapment and removal on critical surfaces. Woven from a no-run, no-stretch textile to minimize In-Use Particles from the face and edge of the wiper. Cleanroom washed and packed, MiraWIPE® is available in configurations to meet Class 1-1000 applications. Available gamma irradiated and triple bagged with a sterility assurance level of 10⁶ for sterile applications.

Advantages

-  **Unsurpassed cleaning efficiency.** By using unique woven fiber construction, particle and organic pickup from glass, plastic, metal, ceramic and metal to metal surfaces is dramatically enhanced.
-  **Reduces cleaning time.** Designed to improve particle removal from textured and porous ceramic, anodized aluminum, stainless steel and glass surfaces.
-  **Delivers cleaner tools.** No-Stretch woven construction leads to less abrasion generated particle generation and increased edge integrity during wiping.
-  **Extremely low particle, extractable, and ionic levels**
-  **Titanium-free** for advanced wafer fab cleaning applications and available with true sealed edge

Applications

- Ideal wiper to clean off disinfectant residuals in aseptic manufacturing facilities.
- Engineered to clean trace residues and contamination from Vacuum Chambers so as to minimize tool downtime
- Ideal for cleaning scratch sensitive surfaces such as plastics, optics, and Electro Static Chucks
- Excellent choice when it is critical to leave a surface clean and dry.

Part Numbers

Part No.	Processed	Packaging Style	Edge
HT5711	Class 100	Flat Pack, 25/Bag, 50 Bags/Case	Heat Sealed
HT5711S	Class 10	Flat Pack, 25/Bag, 50 Bags/Case	Wide Seal
HT5711S-10ST	Class 10	Flat Pack, 10/Bag, 10 Bags/Case	Wide Seal, Sterile
HT5711S-25ST	Class 10	Flat Pack, 25/Bag, 40 Bags/Case	Wide Seal, Sterile
HT5711 Series are 11" x 11".			
HT5790S	Class 10	Flat Pack, 150/Bag, 8 Bags/Case	Wide Seal
HT5790S-10ST	Class 10	Flat Pack, 100/Bag, 5 Bags/Case	Wide Seal, Sterile
HT5790	Class 100	Flat Pack, 150/Bag, 8 Bags/Case	Heat Sealed
HT5790 Series are 9" x 9".			



Heat Sealed Edge-HT5790



Wide Sealed Edge-HT5790S

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Cleanliness

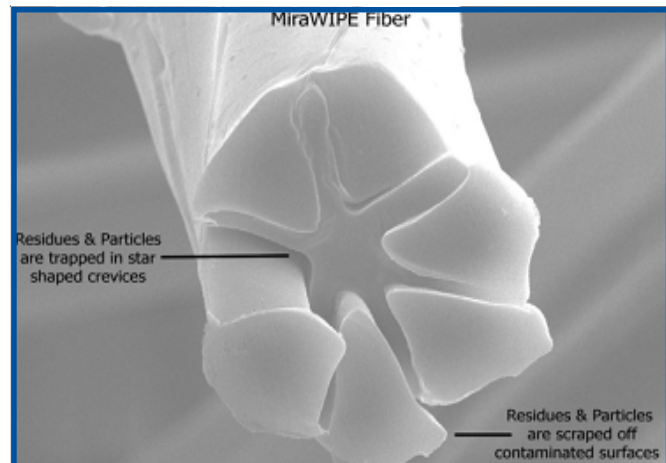
	<u>HT5711</u> <u>HT5790</u>	<u>HT5711S</u> <u>HT5790S</u>
Particle Generation via Biaxial Shake LPC test		
Particles $> .5\mu\text{m}/\text{cm}^2$	2400	1200
Extractibles via Ion Chromatography	PPM	
Anions		
Bromide		<.01
Chloride	.0094	-
Fluoride	.0218	<0.5
Nitrate	.0218	<1
Nitrite	.0218	<1
Phosphate	.0218	<1
Sulfate	<.06	<1
Cations		
Ammonium	<.001	-
Calcium	<14	<.3
Lithium	<1	-
Magnesium	<2	<.05
Potassium	<13	<.2
Sodium	<3	<20
Titanium		<.01

Non-Volatile Residue

DI Water	< .1 g/m ²
IPA	< .185 g/m ²

Absorptive Capacity

Basis Weight	128 g/m ²
Extrinsic Sorbency	286 ml/m ²
Intrinsic Sorbency	2.22 ml/g
Absorptive Rate	< 1 second



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