



MiraWIPE® SM

Cleanroom Microfiber Wiper for Life Science & ISO 5-8 Applications

✓ Dislodge

✓ Entrap

✓ Remove



MiraWIPE® features special star-shaped crevices that offer exceptional pick up of contaminants

Description

MiraWIPE® SM is a cost-effective solution where microfiber cleaning performance is required for ISO 5-8 cleanroom cleaning applications. MiraWIPE® SM's nylon reinforced polyester woven microfiber fabric dramatically improves contamination removal & abrasion resistance for the most critical equipment cleaning applications.

MiraWIPE® SM is ideal for cleaning applications in 200mm wafer fabs, pharmaceutical & medical device cleanrooms that require better first pass cleaning results & reduced room turn over times. MiraWIPE® SM's tight cross-directional weave pattern dislodges, entraps and removes particulate contamination while minimizing particle shedding from the face of the wiper.

MiraWIPE® SM will not split and shed particles during heavy-duty wiping applications. The abrasion resistance, super-strong sealed edge and proprietary washing process ensure compatibility with ISO 5-8 cleanrooms.

Features & Benefits

- **Unsurpassed Cleaning Efficiency.** Enhanced removal of particles, metals, silicones and disinfectant residues from cleanroom surfaces.
- **True Lint-Free Performance.** Offers superior abrasion resistance to prevent in-use fiber and particle shedding.
- **Proprietary Sealed Edge.** Maintains sealed edge integrity even during heavy duty wiping.
- **ISO 5-8 Compatible.** Foamtec's proprietary washing process provides ultralow levels of ions and extractables.

Applications

- Ideal wiper to clean off disinfectant residues in aseptic manufacturing facilities.
- Engineered to clean trace residues and contamination from tooling & automation in pharmaceutical and medical device facilities to better control dark particle contamination.
- Optimized for equipment cleaning SOP's in 200mm wafer fabs.



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Technical Data *

Test Method	HT5790SM
LPC at $\geq 0.5 \mu\text{m}$	
(ptls/cm ²)	< 3,000
NVR (mg/g)	
In DI Water	≤ 0.25
In IPA	≤ 1.00
Absorptive Capacity	
Basis Weight	160g/m ² +/- 10%
Extrinsic Sorbency	286ml/m ²
Intrinsic Sorbency	2.22ml/g



* Note: The data in these tables represent typical analyses of these wipers. These are not specifications.

MiraWIPE[®] Ordering Information

Part No.	Description	Size	Units/Case
HT5790SM	Microfiber Wipers, ISO 5-8 Compatible, Wide Sealed Edge, Processed, Pack of 150 Wipers per Bag - 8 Bags per Case	9" x 9"	1200



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