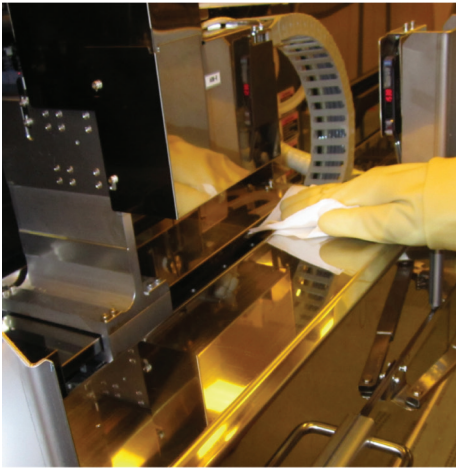


MiraSAT™ 100% IPA

Presaturated IPA Microfiber Cleanroom Wiper



Description

MiraSAT™ 100% IPA is pre-saturated with 100% IPA & incorporates Foamtec's industry-leading MiraWIPE™ Microfiber sealed edge wiper. The unique woven microfiber requires only 7ml of IPA to be uniformly dampened, which enables scrubbing like cleaning action to dislodge, entrap and remove contaminants. MiraSAT's super durable weave and sealed edge minimize shedding of fibers even on textured surfaces, making it ideal for equipment cleaning tasks. MiraSAT™ is manufactured and processed in an ISO 5 cleanroom. Each pack of MiraSAT™ is double bagged and contains 20 wipers to aid cleanroom entry protocols and to prevent evaporation before use.

Process Benefits

- Reduces VOC's and solvent handling issues by eliminating the need for squirt and spray bottles in wafer fabs.
- Unsurpassed abrasion & snag resistance minimizes scratch defects and particle excursions associated with fab wipers.
- For equipment PM's, the lightly dampened, woven microfiber fabric is production proven to improve equipment uptime and first pass qual rates.
- Foamtec's state of the art ISO 5 processing facilities produces a wiper optimized for use in the most advanced wafer fabs.
- Eliminates contamination risks associated with soiled IPA squirt bottles.

Environmental Health & Safety Benefits

- Reduce flammable chemical storage, solvent squirt bottles, and handling of IPA in the cleanroom.
- Reduce fugitive VOC emissions and air permit implications associated with solvent wiping.
- Reduce personnel exposure to isopropyl alcohol during cleanroom wipe downs.

Part No.	Description	Size	Units/Bag	Bags/Case
HT5790S100	Cleanroom Microfiber Wiper Presaturated w/ 100% IPA, 144mL	9" x 9"	20 Wipers/Bag	20 Bags/Case



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Presaturated IPA Microfiber Cleanroom Wiper

Applications

- Improves contamination control in ISO Class 3 and higher cleanrooms
- Cleaning of hi-vac process chambers and robotics in flat panel display and wafer fabs
- Cleaning VOC sensitive process equipment in lithography, etch, CVD and metrology modules
- Cleaning baked on resist and developer from lithography tracks
- Final wipedown of sensitive components such as EFEM's, electrostatic chucks, VAT valves and gas dispersion plates
- Unsurpassed cleaning efficiency for controlling viable and non-viable particulate contamination in pharmaceutical and medical device cleanrooms
- Cleaning of residues generated by Active Pharmaceutical Ingredients (API), disinfectants and sporicides

Technical Data

Anion (ppm)						
Fluoride	Chloride	Nitrite	Bromide	Nitrate	Phosphate	Sulfate
0.01	0.29	0.15	ND	0.03	ND	0.02

Cation (ppm)					
Lithium	Sodium	Ammonium	Potassium	Magnesium	Calcium
ND	0.23	ND	ND	0.48	1.11

NVR (mg/g)		FT-IR (ng/g)		LPC at $\geq 0.5 \mu\text{m}$	
In DI Water	In IPA	Silicone	Amide	DOP	(particles/cm ²)
0.04	0.78	ND	ND	ND	< 8000

Note: The data in this table represent typical analyses of these wipers after seven days of saturation. These are not specifications. ND = Not Detected



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