



## ISO 7 Cleanroom Absorbent Wipe

### Description

UltraSORB® is constructed from hydrophilic, open-cell foam sponge for cleanroom wiping applications that require high absorbency. Unlike fabric wipers, UltraSORB's polyurethane foam construction eliminates the shedding of fibers and FM (particles > 25µm) to the cleanroom, making it ideal for medical device applications. UltraSORB®, due to its low shedding characteristics, static dissipative qualities, and low tribocharging of plastic surfaces, is perfect for cleaning catheter bodies and balloons made from Pebax®, PTFE, ePTFE, silicones, urethanes and nylon.

Due to its sponge-like wiping capability, fiber-free construction and ability to resist shedding of particles due to abrasion, it is widely used for Stencil, Thick Film Screen and Medical Device wiping applications.

UltraSORB® wipers are double-bagged to aid clean room entry procedures.

Pebax® is a registered trademark of Arkema

### Features & Benefits

- High tensile strength and abrasion resistance make UltraSORB® ideal for particle sensitive cleaning operations in medical device and aseptic environments.
- UltraSORB® has < 2EU/wiper making it ideal for use as a wiper or work platform in low bioburden environments.
- Excellent absorbency of high viscosity liquids improves cleaning productivity and reduces solvent consumption for epoxies, silicones and screen printable pastes and inks.
- Sulfur-free for compatibility with platinum cured silicone elastomers and adhesives.
- Static dissipative and low in tribocharging to minimize the risk of ESD events and particle attraction of post wiped plastic components.
- Foam rather than fabric construction ensures work surfaces are 100% Fiber - Free.
- Sponge-like qualities make UltraSORB® ideal for cleaning large volumes of liquids.

### Cleanliness & Performance

Cleanliness				ESD Performance	
<b>Particle Generation</b> (>0.5µ/m <sup>2</sup> )	< 10,000,000/m <sup>2</sup>			<b>Surface Resistance</b>	1.7 × 10 <sup>9</sup>
<b>TNVR's</b>	DI H <sub>2</sub> O <.01 g/m <sup>2</sup>	IPA <.1g/m <sup>2</sup>	Methanol <.05 g/m <sup>2</sup>	<b>Volume Resistance</b>	1.1 × 10 <sup>10</sup>
<b>Ion in DI H<sub>2</sub>O</b>	Chloride < 10 ppm	Sodium < 1 ppm	Potassium < 1 ppm	<b>Electrostatic Delay</b>	± 5 kv to ± 10 volts < 1.5 seconds
<i>All measurements performed at 50% RH</i>					



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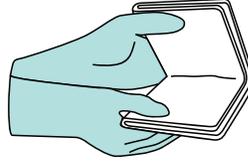
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### Proper Cleanroom Wiping Protocol

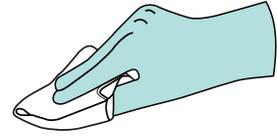
To maximize usage of Wiper:

A) Use with IPA Solvent: Apply a thin stripe of IPA, using a needle-nosed squeeze bottle, to the area just behind the rounded fold. Do not over wet Wiper.

B) Use with DI Water: Fully saturate by applying a quarter-sized amount of DI Water to the center of an unfolded Wiper, wring to ensure proper absorption, repeat until completely wetted.



Step 1: Quarter-Fold Wiper after wetting with DI Water. For use with IPA, Quarter-Fold prior to wetting.



Step 2: With all four fingers on top and the thumb on the underside of the Wiper, pull it across the surface of the tool using very light pressure.

### Ordering Information

Part No.	Description	Size	Units/Case
HT4644	4" x 4" UltraSORB Wiper, Pack of 50 Wipers per Bag - 50 Bags per Case	.109" x 4" x 4"	2500
HT4666	6" x 6" UltraSORB Wiper, Pack of 50 Wipers per Bag - 50 Bags per Case	.109" x 6" x 6"	2500
HT4669	6" x 9" UltraSORB Wiper, Pack of 50 Wipers per Bag - 50 Bags per Case	.109" x 6" x 9"	2500
HT4690	9" x 9" UltraSORB Wiper, Pack of 50 Wipers per Bag - 30 Bags per Case	.062" x 9" x 9"	1500
HT4699	9" x 9" UltraSORB Wiper, Pack of 50 Wipers per Bag - 25 Bags per Case	.109" x 9" x 9"	1250



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