



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	
Particle Generation (>0.5µ/m ²)		< 10,000,000/m ²		Surface Resistance	1.7 x 10 ⁹
TNVR's	DI H ₂ O <.01 g/m ²	IPA <.1g/m ²	Methanol <.05 g/m ²	Volume Resistance	1.1 x 10 ¹⁰
Ion in DI H₂O	Chloride < 10 ppm	Sodium < 1 ppm	Potassium < 1 ppm	Electrostatic Delay	± 5 kv to ± 10 volts < 1.5 seconds
<i>All measurements performed at 50% RH</i>					



Foamtec International
720 Venture Drive
Waco, TX 76712

Foamtec International WCC Division | USA
1-760-599-7160
www.foamtecintlwcc.com | customerservice@foamtecintlwcc.com

Foamtec International WCC Division | Thailand
+66.3367.8877 Ext 821



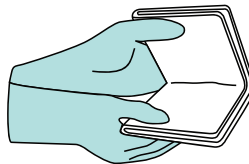
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Proper Cleanroom Wiping Protocol

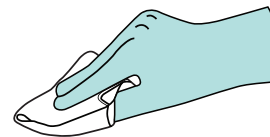
To maximize usage of Wiper:

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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