

*cleaning critical surfaces*




# PolyCHECK® Wipers & Swabs



## Description

PolyCHECK® Wipers and Swabs are designed to allow engineers and technicians to validate the cleanliness of critical surfaces. PolyCHECK® Wipers are fabricated from a black fabric in order to enable the identification of white or opaque colored particles. PolyCHECK® Swabs employ a white fabric on one side and a black fabric on the other side in order to give clean room professionals a unique particle detection tool. Ideal when used in conjunction with SEM Analysis.

## Advantages

-  Eliminates the need to contact SEM stubs and tape to critical chamber surfaces.
-  Allows for faster analysis of particle sources during tool excursion events.
-  Perfect for defect analysis involving SEM stubs.



## Applications

- ◆ Ideal for Go/No Go validation checks in vacuum maintenance procedures.
- ◆ Excellent general purpose cleanroom wiper for Semiconductor, Medical Device, FPD and Hard Disk Drive manufacturers.
- ◆ PolyCHECK® Swabs enable frequent inspections to monitor for particles that may back scatter into process chambers.

## Part Numbers

Part No.	Description	Size	Bag/Case Qty
HT5291K-5	PolyCHECK® Wiper	9" x 9"	5/Bag, 200 Bags/Cs
HT5291K	PolyCHECK® Wiper	9" x 9"	50/Bag, 24 Bags/Cs
HT1501FCW-5	PolyCHECK® Swab	6" Flexible Paddle Tip	5/Bag, 100 Bags/Cs
HT1501FZW-5	PolyCHECK® Swab	6" Paddle Tip	5/Bag, 100 Bags/Cs
HT1585FZW-5	PolyCHECK® Swab	5" Square Tip	5/Bag, 100 Bags/Cs

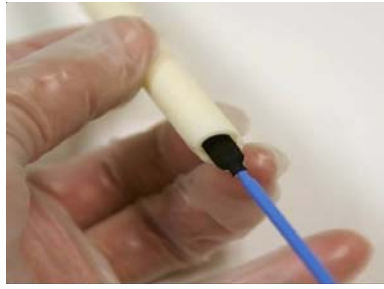


[www.foamtecintlwcc.com](http://www.foamtecintlwcc.com)

Rev. B

USA +1.866.922.7160 +1.760.599.7160 fax +1.760.599.7322 Thailand +66.3531.4000 fax +66.3531.4007

## Cleanliness Specifications



HT1501FCW - PolyCHECK™ Swab



HT5291K - PolyCHECK™ Wiper

Particle generation via LPC

>.3micron particles/m<sup>2</sup>

Wiper

>.5 micron

Swab

>.5 micron

1500 particles/cm<sup>2</sup>

<700 particles/Tip

Ion Count of Extractibles

PPM

Micrograms/Tip

Sulfate

<.05

<.8

Chloride

<.05

<.9

Fluoride

<.02

<.02

Non-Volatile Residue (g/m<sup>2</sup>)

DI Water

<.5

<.3

IPA

<1.5mg/g

<1

Silicon/Amide Free

Pass

## Absorptive Capacity Specifications

Basis Weight ( g/m<sup>2</sup>)

120

Absorbency (ml/m<sup>2</sup>)

190

Absorptive Rate (ml/g)

3.2



[www.foamtecintlwcc.com](http://www.foamtecintlwcc.com)

USA +1.866.922.7160 +1.760.599.7160 fax +1.760.599.7322 Thailand +66.3531.4000 fax +66.3531.4007