

# PolyCLEAN® / PolyCHECK® Wipers

*cleaning critical surfaces*



HT5190

## Description

PolyCLEAN® is a lightweight, knitted-wiper constructed and processed to meet clean room requirements. It is washed and packed in our integrated wiper and swab manufacturing facility to ensure lot to lot cleanliness and consistency. PolyCLEAN® is constructed from a continuous-filament fiber to resist shedding particles due to abrasion, making it the perfect choice for applications where cleanliness must be matched with cost control. PolyCHECK® is constructed of black fabric for inspection and verification protocols.

## Advantages



Washed and processed in a Class 10 environment making it ideal for particle sensitive wiping applications.



Available in a black fabric for inspection and cleaning verification procedures.



Amide and Silicone free for disk drive applications.



Cut, washed and packed in our state-of-the-art integrated wiper facility to ensure product consistency.



Ideal for applications requiring cleanliness and control of costs.

## Applications

- ◆ Run-free fabric makes it ideal for general purpose wiping jobs.
- ◆ Excellent general purpose cleanroom wiper for Semiconductor, Medical Device, FPD and Hard Disk Drive manufacturers.
- ◆ Available in black fabric version for inspection applications.

## Part Numbers

Part No.	Description	Size	Bag Qty	Case Qty
HT5140	PolyCLEAN®	4" x 4"	150/Bag	4 Bags/Cs
HT5160	PolyCLEAN®	6" x 6"	300/Bag	15 Bags/Cs
HT5190	PolyCLEAN®	9" x 9"	150/Bag	10 Bags/Cs
HT5291K	PolyCHECK®	9" X 9"	5/Bag	200 Bags/Cs



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

Rev.B

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## Cleanliness Specifications



HT5291K - PolyCHECK® Wiper

	<u>PolyCLEAN®</u>	<u>PolyCHECK®</u>
<b>Particle Generation via LPC</b>	>.3 micron	
>.3 micron particles/m <sup>2</sup>	<7 x 10 <sup>6</sup>	<9 x 10 <sup>6</sup>
<b>Ion Count of Extractibles (ppm)</b>		
Sodium	<1.5	<2
Calcium	<.75	<1
Magnesium	<.25	<1
<b>Non-Volatile Residue (g/m<sup>2</sup>)</b>		
DI Water	<.028	
IPA	0.09	
<b>Silicon/Amide Free</b>	Pass	Pass

## Absorptive Capacity Specifications

<b>Basis Weight (g/m<sup>2</sup>)</b>	110	120
<b>Absorbency (ml/m<sup>2</sup>)</b>	2.7	
<b>Absorptive Rate (ml/g)</b>	3.7	3.2



Wilshire Contamination Control Division

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