

# PolyCLEAN® Wipers

*cleaning critical surfaces*








## Description




HT5190

PolyCLEAN® is a series of knitted polyester fabrics available in different basis weights constructed and processed for clean room cleaning applications. All PolyCLEAN® wipers are fabricated, processed and packed in our integrated ISO9001/ISO13485 certified wiper and swab manufacturing facility to ensure lot to lot cleanliness and consistency. PolyCLEAN® light weight and medium weight wipers are constructed with a continuous filament fiber to resist abrasion generated particle generation. PolyCLEAN® is available in laser and ultrasonically sealed edge perimeters for ISO Class 5 and below clean room requirements.

## Advantages

-  All PolyCLEAN® wipers are washed, processed and packed in an ISO Class 5 clean room and lot tested and certified for particles and non-volatile residues.
-  All PolyCLEAN® wipers are packed out in inner and outer bags to maintain packaging integrity to point of use.
-  All labels are denoted with lot #'s that are traceable to lot testing that is available on request.
-  PolyCLEAN® LW & MW are processed and certified to be free of Amides and Silicone for Disk Drive applications
-  PolyCLEAN® MW is designed to evenly apply disinfectant cleaners for cleaning and disinfections SOP's in Pharmaceutical applications

## Applications

-  PolyCLEAN® Light weight is ideal for general purpose wiping applications requiring cleanliness and cost control
-  PolyCLEAN® HT5290S with wide sealed edge perimeter are ideal for ISO Class 5 applications
-  PolyCLEAN® HT52XX series wipers are ideal for medical device and Pharmaceutical clean and disinfections applications

## Part Numbers

Part No.	Description	Size	Edge Quality	Bag Qty
HT5140	PolyCLEAN® Light Weight	4" x 4"	Hot Knife Cut	150/Bag
HT5160	PolyCLEAN® Light Weight	6" x 6"	Hot Knife Cut	300/Bag
HT5190	PolyCLEAN® Light Weight	9" x 9"	Hot Knife Cut	150/Bag
HT5290	PolyCLEAN® Medium Weight	9" X 9"	Hot Knife Cut	150/Bag
HT5290S-50	PolyCLEAN® Medium Weight	9" X 9"	Wide Seal	50/Bag
HT5290L	PolyCLEAN® Medium Weight	9" X 9"	Laser Cut	150/Bag



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

Rev. D

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## Cleanliness Specifications



HT5290S Wide Seal

### HT51XX PolyCLEAN®LW

### HT52XX PolyCLEAN®MW *Includes L Suffix*

#### Particle Generation via LPC (Biaxial Shake)

>.5 micron particles/m <sup>2</sup>	<11 X 10 <sup>6</sup>	(S Series)	<11 x 10 <sup>6</sup>
			<4 x 10 <sup>6</sup>

#### Ion Count of Extractibles (ppm)

Bromide	<1	<1
Chloride	<1	<1
Fluoride	<1	<1
Nitrite	<1	<1
Phosphate	<1	<1
Sodium	<1.5	<1.5
Sulfate	<1	<1

#### Non-Volatile Residue (mg/g)

DI Water	<.2	<.2
IPA	<.8	<.8

#### Silicon/Amide Free

Pass	Pass
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## Absorptive Capacity Specifications

Basis Weight (g/m <sup>2</sup> )	110	131
Absorbency (ml/m <sup>2</sup> )	2.7	3.2
Absorptive Rate (ml/g)	3.7	3.9



Wilshire Contamination Control Division

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