

# INTEGRITY® NON-WOVEN POLYESTER/CELLULOSE WIPER

600-0501 - 600-0550

The Nonwoven Polyester/Cellulose is a hydroentangled 45% Polyester and 55% Cellulose nonwoven wiper designed for applications that require the unique combination of superior strength and exceptional sorbency. This wiper is a perfect wiping material for spill control and general purpose wiping.

## FEATURES

- Made of hydroentangled 45% Polyester and 55% Cellulose.
- Combines the strength of polyester with the absorbency of long cellulose fibers.
- Cleanroom processed and packaged to reduce particles.
- Smooth, highly sorbent and durable.
- Works well with IPA and other solvents.

## APPLICATIONS

- Recommended for use in class ISO 5-8 Class (100-100,000) cleanroom environment.
- General purpose wiping and polishing of surface areas, including optics.
- Excellent for use in Pharmaceutical, Biotech & medical device manufacturing markets.
- Available in various sizes and packaging configurations.
- Available sterile by Gamma Irradiation.

## PERFORMANCE CHARACTERISTICS



ATTRIBUTE	UNITS	VALUE	TEST METHOD
Basis Weight	g/m <sup>2</sup>	68	TAPPIT-410
Thickness	µm	300	TAPPIT-411
Sorbency Capacity	ml/m <sup>2</sup>	288	IEST-RP-CC004.3, Sec 8.1/ Sec 8.2
Sorbency Efficiency	ml/gr	4.25	
Rate	Seconds	<0.8	



To request a quotation or for more information, please call  
**+1 512-713-0127**, email [info@integritycleanroom.com](mailto:info@integritycleanroom.com)  
or visit [www.integritycleanroom.com](http://www.integritycleanroom.com).

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## CONTAMINATION CHARACTERISTICS

NONVOLATILE RESIDUE, NVR	UNITS	VALUE	TEST METHOD
IPA	g/m <sup>2</sup>	0.007	IEST-RP.CC004.3 , Sec 7.1.2
DIW	g/m <sup>2</sup>	0.021	

## FTIR

Ion Content, NO Silicon Oil, Amide and DOP detected.

IONS	UNITS	VALUE	TEST METHOD
Sodium (Na <sup>+</sup> )	ppm	33.8	IEST-RP.CC004.3, Sec 7.2.2
Potassium (K <sup>+</sup> )	ppm	7.0	
Magnesium (Mg <sup>++</sup> )	ppm	4.6	
Calcium (Ca <sup>++</sup> )	ppm	17.3	
Chloride (Cl <sup>-</sup> )	ppm	68.7	
Sulphate (SO <sub>4</sub> <sup>2-</sup> )	ppm	66	

## PARTICLES

UNITS	VALUE	TEST METHOD
LPC ( $\geq 0.5 \mu\text{m}$ )	$75 \times 10^6 \text{ particles/m}^2$	IEST-RP-CC004.3, Sec 6.1.4
APC; $\geq 0.5 \mu\text{m}$	300 counts/pc/cfm $5.67 \times 10^3 \text{ counts/m}^2\text{/cfm}$	IEST-RP-CC003.2 (Helmke Drum Test @10rpm)
Fiber $> 100 \mu\text{m}$	86,000 fibers/m <sup>2</sup>	IEST-RP-CC004.3, Sec 6.1.4, 6.2.2.1, 6.2.2.2

### NOTE:

Particle data representative of a 9"x9" wiper.

PRODUCT CODE	SIZE	PACKAGING
600-0501	9"x9"	100 wipers/pack, 10/packs/case 1,000 wipers/case, carton lined.
601-4150	9"x9"	300 wipers/pack, 12/packs/case 3,600 wipers/case, carton lined.
601-4100	12"x12"	100 wipers/pack, 10/packs/case 1,000 wipers/case, carton lined.
600-0550	16"x15"	100 wipers/pack, 10/packs/case 1,000 wipers/case, carton lined.

### NOTE:

\*Data shown are typical values and should not be used as specifications.



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