

# INTEGRITY® WIPER 125 GSM COLD KNIFE EDGE

601-4000

The light weight cold knife edge Polyester wiper is a double knit and interlock patterned wiper, 100% continuous-filament polyester. Laundered and packaged in a cleanroom. All integrity wipers are tested and manufactured in ISO compliant facilities.

## FEATURES

- Low levels of particulate and extractable counts.
- Good absorbency and wiping efficiency.
- Resists abrasion under rigorous use.
- Available in various sizes and packaging configurations.
- Solvent safe, double bagged and vacuum cleanroom packed.
- Available sterile by gamma irradiation.



## APPLICATIONS

- Suitable for class ISO 5-6 cleanrooms.
- Cleaning of surfaces to control submicron particles, fibers, and chemical residue.

## TECHNICAL DATA

ATTRIBUTE	VALUE	TEST METHOD
Basis Weight	125 +/- 5 gsm	TAPPI-410
Thickness	0.016 ~ 0.019 in (0.42 - 0.50 mm)	Fabric thickness tester
Absorbency Rate & Capacity		IEST-RP-CC004.3, Sec 8.2
Sorptive Capacity Sorptive Rate	≥ 290 ml / m <sup>2</sup> < 1 Sec	
Contamination Characteristics Nonvolatile Residue NVR		IEST-RP-CC004.3, Sec 7.1.2
IPA Extractant DIW Extractant	0.018g / m <sup>2</sup> 0.023g / m <sup>2</sup>	



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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ATTRIBUTE	VALUE	TEST METHOD
FTIR Ion Content	No Silicon Oil, Amide and DOP detected	
Chloride (Cl)	< 2 ppm	IEST-RP.CC004.3 , Sec 7.2.2
Nitrate (NO3)	< 2 ppm	
Nitrite (NO2)	< 2 ppm	
Sulphate (SO4)	< 2 ppm	
Sodium (Na)	< 2 ppm	
Flouride (F)	< 2 ppm	
Bromide (Br)	< 2 ppm	
Phosphate (PO )	< 2 ppm	
Magnesium (Mg)	< 2 ppm	
Lithium (Li)	< 2 ppm	
Potassium (K)	< 2 ppm	
Ammonium (NH )	< 2 ppm	

RELEASABLE PARTICLES	UNITS	VALUE	TEST METHOD IEST-RP.CC004.3, SEC 7.1.2
LPC (≥ 0.5 µm)	x 106 /m²	11	IEST-RP.CC004.3, Sec 6.1.3/ Sec 6.1.4
APC ≥ 0.5 µm	Counts / P	60	IEST-RP.CC003.2, Helmke Drum @10 rpm
Fiber ≥ 100 µm	Counts /m²	6.6	IEST-RP.CC004.3, Sec 6.1.3/ Sec 6.2.2




PRODUCT CODE	SIZE	PACKAGING
601-4000	9"x 9"	150 wipers/bag, 8 bags/case, 1200 wipers/case, double bag and vacuum cleanroom packed carton lined.

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



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