

**PRODUCT**

# Integrity 100% Polyester 140gsm Wipes

**TECHNICAL DATASHEET**



**DESCRIPTION**

The heavy weight laser sealed edged Polyester wiper is a double knit 100% continuous-filament polyester. All four edges are laser cut and sealed to prevent particle and fiber release.

**FEATURES**

- Laser sealed edge ensures ultra low lint and particle level
- Good absorbency and wiping efficiency
- Resists abrasion under rigorous use
- Solvent safe, double bagged and vacuum cleanroom packed
- Available sterile by gamma irradiation

**APPLICATIONS**

- Suitable for class ISO4 – ISO6 cleanrooms
- Cleaning of surfaces to control submicron particles, fibers, and chemical residue

PRODUCT CODE	SIZE (in)	STERILITY	QUANTITY (per pack)
600-0220	9 x 9	Non-sterile	100 (flat pack)
600-0221	9 x 9	Sterile	10 (flat pack)

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

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## PERFORMANCE CHARACTERISTICS

Basis weight	140 gsm
Thickness (micrometer)	0.48mm
Absorbency (IEST-RP-CC 004.3)	
Sorptive capacity	320ml/m <sup>2</sup>
Rate (Drop Disappearance mtd.)	0.5 sec

ION CONTENT (IEST-RP-CC 004.3, THOROUGH EXTRACTION METHOD)	
Chloride (Cl)	0.000174 mg/g
Nitrates (NO <sub>3</sub> )	0.000019 mg/g
Nitrite (NO <sub>2</sub> )	0.000025 mg/g
Sulphate (SO <sub>4</sub> )	0.000083 mg/g
Sodium (Na)	0.000312 mg/g
Potassium (K)	0.000227 mg/g
Magnesium (Mg)	0.000049 mg/g
Calcium (Ca)	0.000021 mg/g

NONVOLATILE RESIDUE, NVR (IEST-RP-CC 004.3, ANALYSIS FOR UNSPECIFIED EXTRACTABLE MATTER)	
IPA Extractant	0.52 mg/g
DIW Extractant	0.14 mg/g
FTIR	NO Silicon Oil, Amide and DOP detected

RELEASABLE PARTICLES	
LPC (> 0.5 um) (IEST-RP-CC 004.3-orbital shake mtd)	6.5 x 10 <sup>6</sup> particles/m <sup>2</sup>
APC (Helmke Drum Test @10rpm); > 0.5 um (IES-RP-CC003.2)	50 counts/pc./cfm -9"x9" 9.71 x 10.2 counts/m <sup>2</sup> /cfm

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