



PRODUCT

Integrity 120gsm 100% Polyester Wipes

TECHNICAL DATASHEET

DESCRIPTION

The light 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 fibre release.

APPLICATIONS

- Suitable for class ISO 4-6 cleanrooms
- Cleaning of surfaces to control submicron particles, fibres, and chemical residue

FEATURES

- Laser sealed edges ensure ultra low lint and particle level
- 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

PRODUCT CODE	DESCRIPTION	SIZE (INCH)	PACK QTY
600-0230	120 gsm 100% Polyester Wipes	7" X 7" - Stack	200 wipes
600-0210	120 gsm 100% Polyester Wipes	12" x 12" - Bulk	150 wipes
600-0203	120 gsm 100% Polyester Wipes	9" x 9" - Bulk	150 wipes

To request a quotation or for more information, please call **+1 512-713-0127** email sales@integritycleanroom.com or visit www.integritycleanroom.com

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TESTING

PERFORMANCE CHARACTERISTICS	
Basis Weight	120 ± 5 gsm
Thickness (micrometer)	0.42mm - 0.50mm
Absorbency Rate & Capacity (IEST-RP-CC004.3, Sec 8.1)	≥ 250ml/m ²
Absorbency Rate (IEST-RP-CC004.3, Sec 8.2)	≤ 1.0 sec

CONTAMINATION CHARACTERISTICS	
Non-volatile Residue, NVR (IEST-RP-CC 004.3, Sec 7.1.2)	
DI Water IPA	0.050 mg/g 0.067 mg/g
Organics by FTIR (IEST-RP-CC004.3, Sec 7.2.1) Ionics, IC (IEST-RP-CC004.3, Sec 7.2.2)	No silicone oil, amide and DOP detected
Chloride (Cl) Sodium (Na) Calcium (Ca) Potassium (K) Magnesium (Mg)	0.020 ppm 0.0398 ppm 0.037 ppm 0.0262 ppm No Detection

RELEASABLE PARTICLES	
By LPC (≥ 0.5 um) (IEST-RP-CC 004.3, Sec 6.1.4)	700 counts/cm ²
By APC sizes ≥ 0.5 um (IES-RP-CC003.2, Helmke Drum Test @10rpm)	50 counts/pc - 9"x9"

NOTE:

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

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