



PRODUCT

Integrity 100% Polyester 140gsm Wipes

TECHNICAL DATASHEET

DESCRIPTION

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

APPLICATIONS

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

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

VARIATIONS

PRODUCT CODE	SIZE (INCH)	STERILITY	QUANTITY
601-0008	9 x 9	Non-sterile	50 (flat pack)
600-0220	9 x 9	Non-sterile	100 (flat pack)

To request a quotation or for more information, please call **+44 (0)1473 836205** email info@integritycleanroom.co.uk or visit www.integritycleanroom.co.uk

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TECHNICAL DATA

PROPERTIES	RESULT	METHOD
Basics Weight	135 ± 5gsm	
Thickness	0.48 - 0.56mm	
Absorbancy Capacity	≥320ml/m ²	IEST-RP-CC004.3, Sec 8.1
Absorbancy	≤1.0 sec	IEST-RP-CC004.3, Sec 8.2
Particles by APC sizes @ ≥0.5µm	50 counts/pc	IEST-RP-CC003.4, Helmke drum@10rpm
Particles by LPC sizes @ ≥0.5µm	7.0 x10 ⁶ counts/m ²	IEST-RP-CC004.3, Sec 6.1.4
Non-volatile Residue, NVR in DI water	0.009 g/m ²	IEST-RP-CC004.3, Sec 7.1.2
in IPA	0.010 g/m ²	
Organics by FTIR	No Silicone oil, Amide, and DOP detected	IEST-RP-CC004.3, Sec 7.2.1
Ionics, IC		IEST-RP-CC004.3, Sec 7.2.2
Sodium (Na)	0.075 ppm	
Potassium (K)	0.095 ppm	
Calcium (Ca)	0.00001 ppm	
Magnesium (Mg)	0.00001 ppm	
Chloride (Cl)	0.043 ppm	

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