



# Integrity® Cleanroom

## 100% Polyester Wipe W22

### 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 fibre release.

### FEATURES

- Laser sealed edge ensures 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

### APPLICATIONS

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



### TECHNICAL DATA

#### PERFORMANCE CHARACTERISTICS

<b>Basis Weight</b>	140gsm
<b>Thickness</b> (micrometer)	0.48mm
<b>Absorbency Rate &amp; Capacity</b> (IEST-RP-CC 004.3)	
Sorptive capacity	320ml/m <sup>2</sup>
Rate (Drop Disappearance mtd.)	0.5 sec
<b>CONTAMINATION CHARACTERISTICS</b>	
<b>Nonvolatile Residue, NVR</b> (IEST-RP-CC 004.3, Analysis for Unspecified Extractable Matter)	
IPA Extractant	0.52 mg/g
DIW Extractant	0.14 mg/g
<b>FTIR</b>	NO Silicon Oil, Amide and DOP detected
<b>Ion Content</b> (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

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## 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 <sup>2</sup> counts/m <sup>2</sup> /cfm

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

Order Code	Pack Qty	Size
600-0220	100 wipes	9"x9" – Stack
600-0210	150 wipes	12"x12" – Bulk
600-0203	150 wipes	9"x9" – Bulk

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