



**TrueGuard**  
**(100% Polyester Wiper)**  
**Product Order Code:81091x9**

<b>Name</b>	TrueGuard 100% Polyester
<b>Description</b>	The 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.
<b>Features</b>	<ul style="list-style-type: none"> <li>-Laser sealed edge ensures ultra low lint and particle level.</li> <li>-Good absorbency and wiping efficiency.</li> <li>-Resists abrasion under rigorous use</li> <li>-Choice of 9" x 9", 6" x 6", 4" x 4" and other sizes upon customers request</li> </ul>
<b>Applications</b>	<ul style="list-style-type: none"> <li>-Suitable for class 10 – 100 cleanrooms</li> <li>-Cleaning of surfaces to control submicron particles, fibres, and chemical residue</li> </ul>
<b>Performance Characteristics</b>	
<b>Basic Weight</b> (IEST-RP-CC 004.3)	120 ± 5gsm
<b>Thickness</b>	0.45 ± 0.02mm
<b>Absorbency</b> (IEST-RP-CC 004.3)	
Sorptive capacity	319 ml/m <sup>2</sup>
Rate	<0.5 sec
<b>Sterilisation:</b>	
<b>Gamma irradiated</b>	

**Contamination Characteristics**

**Nonvolatile Residue, NVR**

(IEST-RP-CC 004.3)	
IPA Extractant (100 ml IPA at ambient temp for 24 hrs)	0.20 mg/g
DIW Extractant (100ml DI water at ambient temp for 24 hrs)	0.10 mg/g

**FTIR** No Silicon Oil, Amide and DOP detected

**Ion Content**

(IEST-RP-CC 004.3)

<b>Chloride (Cl)</b>	0.000050mg/g
<b>Nitrates (NO3)</b>	0.000010mg/g
<b>Nitrite (NO2)</b>	0.000010mg/g
<b>Sulphate (SO4)</b>	0.000060mg/g
<b>Sodium (Na)</b>	0.000035mg/g
<b>Potassium (K)</b>	0.000048mg/g
<b>Magnesium (Mg)</b>	0.000013mg/g
<b>Calcium (Ca)</b>	0.000005mg/g

**Releasable Particles**

LPC (≥ 0.5um) (IEST-RP-CC 004.3)	460 counts/cm <sup>2</sup>
APC (Dry test: helmke Drum) ; ≥ 0.3um (IEST-RP-CC003.2)	50 counts/pc./cfm

<b>Product Codes</b>	810914x4
	810917x7
	810919x9
	8109112x12

**Various Packing Quantities Available for further information please contact us +44(0)1842 822150**

Note:  
 \*Data shown are typical values and should not be used as specification