

PRODUCT INFORMATION SHEET

# Ultra-Seal<sup>®</sup> 3000 9x9 Sealed Edge Cleanroom Wiper



COMPOSITION AND ATTRIBUTES

- Tubular sealed edge two ply 100% polyester
- Laundered and packaged in Berkshire's ISO Class 4 (Class 10) cleanroom
- Critically low particles and fibers due to only 2 edges
- Patented Sealed Edge Process; Patent #5,229,181
- Highly absorbent
- Tear resistant for rough surface cleaning
- Works well with IPA and other solvents

APPLICATIONS

- Breakdown cleans in Front End FAB processes and suite construction
- Oxidation, Metallization or CVD Deposition areas
- Photolithography Process areas
- Ion Implantation, Diffusion and CMP Processing
- Steam autoclavable for aseptic environments
- Compatible with ISO Class 3 (Class 1) cleanroom applications and above

VITAL STATISTICS (AVERAGE DATA)

Basis Weight (g/m <sup>2</sup> )	143
Caliper (µm)	445
Fibers (/cm <sup>2</sup> )	0.057
Particles (0.5µm) (biaxial shake) (x10 <sup>3</sup> /cm <sup>2</sup> )	1.6
Absorbency (cc/m <sup>2</sup> )	479
Specific Absorbency (cc/g)	3.3
Time to Sorption (sec)	1

Extractables:	
H <sub>2</sub> O (%)	0.019
2-Propanol (%)	0.053
Ions (ppm):	
Na <sup>+</sup>	0.015
K <sup>+</sup>	0.019
Ca <sup>++</sup>	0.0051
Mg <sup>++</sup>	0.0044