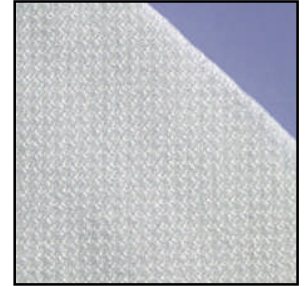


ValuSeal-HA™ Sealed Edge Cleanroom Wiper



COMPOSITION AND ATTRIBUTES

- 100% knit polyester with sealed edge
- Laundered and packaged in Berkshire's ISO Class 4 (Class 10) cleanroom
- Ultrasonic heat seal
- Proprietary knitting and laundry technique
- Absorbency, strength and durability
- Critically low particles and fibers
- Works well with IPA, Acetone and other solvents
- Economical bulk packaging available

APPLICATIONS

- Breakdown cleans in front end fab and suite construction
- Oxidation, Metallization or CVD Deposition areas
- Photolithography Process areas
- Flat Panel, Optics, Chamber Cleans
- 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 ²)	131
Caliper (µm)	429
Fibers (/cm ²)	0.092
Particles (0.5µm) (biaxial shake) (x10 ³ /cm ²)	1.1
Absorbency (cc/m ²)	466
Specific Absorbency (cc/g)	3.6
Time to Sorption (sec)	1

Extractables:	
H ₂ O (%)	0.014
2-Propanol (%)	0.050
Ions (ppm):	
Na ⁺	0.14
K ⁺	0.0019
Ca ⁺⁺	0.022
Mg ⁺⁺	0.0081

ORDER INFORMATION

Product	Item Number	Size/Metric	Shts/Pk	Pks/Cs
ValuSeal-HA	VSHA.0909.8	9x9"/23x23cm	150	8
ValuSeal-HA	VSHA.0909B.8	9x9"/23x23cm	150(bulk)	8
ValuSeal-HA	VSHA.1212.14	12x12"/30x30cm	75	14