

ZeroWipe™ H-Series

Heavyweight Knit Polyester Wiper

ZeroWipe H-Series wipers are designed for general purpose cleanroom and workstation use. With a combination of performance, cleanliness, and flexible packaging this is a wiper you can standardize on. Available in 9" x 9" and 12" x 12" sizes.



FEATURES

- Heavyweight, continuous filament, knit polyester construction
- Precision laser sealed edges
- Solvent safe, reclosable zipper cleanroom packaging
- Complete lot-to-lot data online
- Vertically integrated manufacturing from knitting through packaging

BENEFITS

- Ultra-clean with low fibers, particles, ions, and non-volatile residue (NVR)
- Durable construction for cleaning rough and textured surfaces
- 50 wipers per bag for workstation distribution
- Compatible with IPA and other solvents
- Lot traceable for comprehensive quality control

APPLICATIONS

- ISO Class 3 and higher cleanrooms
- Applying and removing cleaning solutions
- Spill control
- Medical device manufacturing
- Optoelectronics assembly

WIPER PART #	SIZE (NOMINAL)	PACKAGING
ZOLAB-ZW-H09	9" x 9"	50 Wipers / Bag, 20 Bags / Case
ZOLAB-ZW-H12	12" x 12"	50 Wipers / Bag, 10 Bags / Case

The data represents actual test data at the time of publication. Product comparisons may only be made using side by side testing.

Test methods (all follow IEST-RP-CC004.3):
 Sorbency Capacity & Efficiency - Sec 8.1 • Sorbency Rate - Sec 8.2
 Fibers - Sec 6.1.3 & 6.2.2.2 • Particles - Sec 6.1.3 & 6.2.1
 Non-Volatile Residue - Sec 7.1.2 • Ions - Sec 7.2.2

DATA

WIPER CHARACTERISTICS	DATA (SPECIFICATION)
Basis Weight	165 g/m ² (155-175 g/m ²)
Thickness	0.60 mm (0.58-0.62 mm)
Sorbency Capacity	450 mL/m ² (>390 mL/m ²)
Sorbency Efficiency	2.73 g/m ² (>2.2 g/m ²)
Sorbency Rate	<1 s (<1 s)
FIBERS & PARTICLES	
Fibers >100 µm	153 fibers/m ² (<300 fibers/m ²)
Liquid Particle Count (≥ 0.5 µm)	0.20 x 10 ⁶ particles/m ² (<4.00 x 10 ⁶ particles/m ²)
NON-VOLATILE RESIDUE	
IPA Extracted	0.075 g/m ² (<0.1 g/m ²)
DI Water Extracted	0.014 g/m ² (<0.02 g/m ²)
ION CHROMATOGRAPHY	
<i>Anions</i>	
Bromide	Not Detected (<1 ppm)
Chloride	0.44 ppm (<1 ppm)
Fluoride	Not Detected (<1 ppm)
Nitrite	Not Detected (<1 ppm)
Nitrate	0.13 ppm (<1 ppm)
Phosphate	Not Detected (<1 ppm)
Sulfate	0.92 ppm (<1 ppm)
<i>Cations</i>	
Ammonium	0.01 ppm (<1 ppm)
Calcium	0.35 ppm (<1 ppm)
Lithium	Not Detected (<1 ppm)
Magnesium	Not Detected (<1 ppm)
Potassium	Not Detected (<1 ppm)
Sodium	Not Detected (<1 ppm)