

# ULTIMATE 90™

## Quilted Polyester Cleanroom Wipes

### Technical Data Sheet

#### Description

ULTIMATE 90™ 2-ply cleanroom wipes are made from double-knit 100% polyester with laser cut edges. These wipes are manufactured in a cleanroom environment and cleanroom packaged.

#### Features and Benefits

- Manufactured from 100% polyester providing a tough, absorbent and abrasion resistant product
- Production process and laser cut edges guarantee extremely low particle generation and chemical extractables
- Compatible with virtually any solvent or solution for cleaning and wiping
- Double bag packaging
- Meets USP <797> and USP <800> wipe requirements
- Provide lot-to-lot traceability
- Custom products available upon request

#### Cleanroom Environment

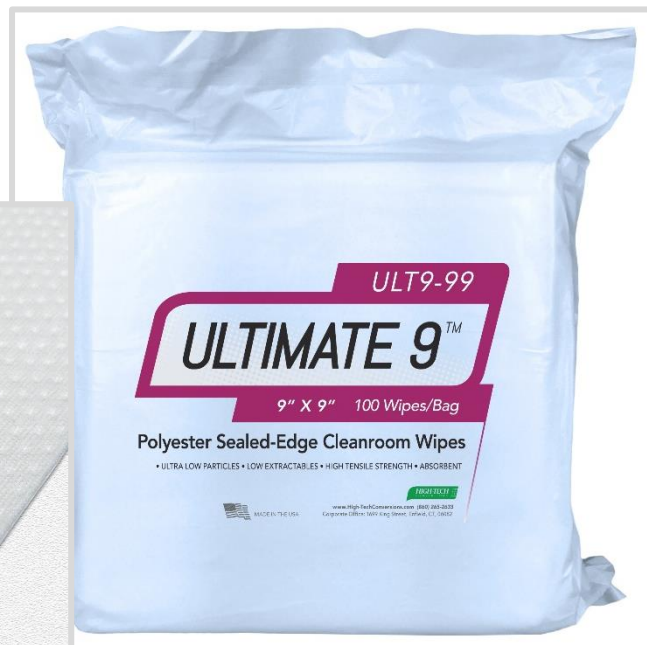
- ISO Class 3-8
- Class 1-100,000

#### Industries

- Laboratory
- Medical Devices
- Aerospace
- Pharmaceutical
- Electronics
- Printing
- Industrial

#### Applications

- Wiping and cleaning all aspects of cleanroom
- Cleaning with a variety of solvents including isopropyl alcohol (IPA)
- Controlling spills
- Application and removal of solutions such as disinfectants, adhesives, residues, etc.
- Tray lining
- Cleaning notebooks, phones, and any other equipment/supplies within the cleanroom



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Physical Characteristics	
Basis Weight	290 gsm
Thickness	1.05 mm
Absorbency (IEST-RP-CC004.3) Sorptive Capacity Sorptive Rate	650 mL/m <sup>2</sup> < 2 sec
Performance Characteristics	
Particles LPC (≥ 0.5µm) (IEST-RP-CC004.3-orbital shake method) APC (≥ 0.5µm) (IEST-RP-CC003.2, Helmke drum @ 10 rpm)	10.0 x 10 <sup>6</sup> particles/m <sup>2</sup>  1.914 x 10 <sup>3</sup> counts/m <sup>2</sup> /cfm
Non-volatile Residue, NVR (IEST-RP-CC004.3, Analysis for Unspecified Extractable Matter) DI water extractant IPA extractant	0.185 mg/g 0.796 mg/g
Ions (IEST-RP-CC004.3, Thorough Extraction Method) Chloride (Cl) Nitrates (NO <sub>3</sub> ) Nitrite (NO <sub>2</sub> ) Phosphate (PO <sub>4</sub> ) Sulphate (SO <sub>4</sub> ) Sodium (Na) Potassium (K) Magnesium (Mg)	0.000488 mg/g 0.0000259 mg/g 0.0000311 mg/g 0.000265 mg/g 0.000104 mg/g 0.000372 mg/g 0.0000863 mg/g 0.0000756 mg/g
Organics by FTIR (IEST-RP-CC004.3)	No Silicone oil, Amide, DOP detected

Note: The above is typical physical property test data applicable to the sample reference name and should not be construed as a specification

Product Number	Size	Packaging	Case
ULT90-99	9" x 9" (23 cm x 23 cm)	150 wipes/bag	6 bags
Custom products available upon request			