



PRODUCT INFORMATION

ISO CLASS 3-7

Cleanroom Class 1-10000

GMP Class A-D

Technical Data Sheet

PRE - 1009WLE™

Bordered Sealed Cleanroom Laundered Wiper 100% continuous filament polyester knit.

This pre-wetted format provides a cost-effective and convenient alternative to traditional bulk solvent handling. Non-sterile pre-saturated wipes are engineered for efficient and controlled cleaning of chemical solvents in critical areas. Ensures controlled solvent delivery and consistent wetting performance. Suitable for routine cleaning and maintenance in controlled or cleanroom environments.



Key Attributes

- 100% continuous filament polyester knit, high chemical resistance, and high liquid absorption characteristics
- Available sizes: 9"x 9", 12"x 12" (±13mm)
- 100%IPA solutions mix
- Solvent used for pre-saturation is filtered through a 0.22 µm high-efficiency bactericidal filter.
- Laundered and packaged in Q-Leap's ISO Class 4 cleanroom
- Packaging Style: 50pcs/bag, special bag package

Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for the highest level of contamination control in critical processing application
- Ideal for cleaning and disinfecting in semiconductor, optical, aerospace, biomedical, pharmaceutical, and other controlled cleanroom environments
- Effectively blocks particles and microorganisms from entering the solvent solution
- Reduces operator variability, material waste, and risk of contamination
- Shelf Life: 3 years for dry wipes; 2 years for pre-saturated wipes (when stored under controlled conditions)

Technical Data

Attributes (units)	Typical Value	Test Method
Basis Weight, nominal; (g/m ²)	144	SUOREC-SOP-F105
Non-Volatile residue, NVR		IENT-RP-CC004.4\8.1. 2
In deionized water; (g/m ²)	0.031	
In Isopropyl alcohol; (g/m ²)	0.141	
Absorbency (ml/m ²)	372	IENT-RP-CC004.4/9. 1
Absorptive Rate (s)	0.38	IENT-RP-CC004.4/9. 2
LPC (≥0.5 µm)	726	IENT-RP-CC004.4\7. 1. 3
APC (≥0.5 µm)	116	IENT-RP-CC003.5\APPENDIX D2.5

Notes:

- The data presented represent typical values obtained at the time of publication and are not intended to be used as product specifications
- Due to variations in test methods and equipment among manufacturers, valid product comparisons can only be established through side-by-side testing conducted in the same facility under comparable conditions
- Current and/or comparative data, as well as third-party testing, can be performed upon request

MANUFACTURED IN VIETNAM. DELIVERED WORLDWIDE.

QL-WIP-PL144-C10-IPA100-TDS-R01-25

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