



PRODUCT INFORMATION

ISO CLASS 4-7

Cleanroom Class 10-10000

GMP Class B-D

Technical Data Sheet

WIP- 5009DHC™

Bordered Sealed Cleanroom Laundered Wiper 80% Polyester 20% Nylon

Lint-free, surface-safe wiper engineered from polyester-nylon composite microfiber. Provides superior decontamination and solvent compatibility with IPA, ethanol, and ethyl acetate. Ideal for ISO-class environments requiring exceptional cleanliness and scratch-free performance.



Technical Data

Attributes (units)	Typical Value	Test Method
Basis Weight, nominal; (g/m ²)	172	SUOREC-SOP-F105
Non-Volatile residue, NVR		IENT-RP-CC004.4\8.1. 2
In deionized water; (g/m ²)	0.131	
In Isopropyl alcohol; (g/m ²)	0.468	
Absorbency (ml/m ²)	315	IENT-RP-CC004.4/9. 1
Absorptive Rate (s)	0.33	IENT-RP-CC004.4/9. 2
LPC (≥0.5 μm)	1467	IENT-RP-CC004.4\7. 1. 3
APC (≥0.5 μm)	85	IENT-RP-CC003.5\APPENDIX D2.5

Key Attributes

- 80% Polyester & 20% Nylon Composite Microfiber
- Available sizes: 9"x 9", 12"x 12" (±13mm)
- Ultrasonic sealed edge treatment
- Laundered and packaged in Q-Leap's ISO Class 4 cleanroom
- Packaging Style: 150pcs/bag (75 pcs/inner bag), vacuum sealed
- Everything can be customizable upon request

Applications

- Designed for use in ISO Class 4 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
- Designed for effective solvent removal and absorption—ideal for protecting, maintaining, and drying precision parts, tools, and cleanroom equipment
- Shelf Life: 3 years for dry wipes; 2 years for pre-saturated wipes (when stored under controlled conditions)

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-MF172-C10-TDS-R01-25

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