



## 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 <sup>2</sup> )	<b>172</b>	SUOREC-SOP-F105
Non-Volatile residue, NVR		IEST-RP-CC004.4\8.1.2
In deionized water; (g/m <sup>2</sup> )	<b>0.131</b>	
In Isopropyl alcohol; (g/m <sup>2</sup> )	<b>0.468</b>	
Absorbency (ml/m <sup>2</sup> )	<b>315</b>	IEST-RP-CC004.4/9. 1
Absorptive Rate (s)	<b>0.33</b>	IEST-RP-CC004.4/9. 2
LPC ( $\geq 0.5 \mu\text{m}$ )	<b>1467</b>	IEST-RP-CC004.4\7. 1. 3
APC ( $\geq 0.5 \mu\text{m}$ )	<b>85</b>	IEST-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

### Key Attributes

- 80% Polyester & 20% Nylon Composite Microfiber
- Available sizes: 9"x 9", 12"x 12" ( $\pm 13\text{mm}$ )
- 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)

MANUFACTURED IN VIETNAM. DELIVERED WORLDWIDE.

QL-WIP-MFI72-C10-TDS-R01-25

Contact: 714.635.2222

<http://q-leap.us>

Customer service

[info@q-leap.us](mailto:info@q-leap.us)

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