



PRODUCT INFORMATION

ISO CLASS 5-7

Cleanroom Class 100-10000

GMP Class B-D

Technical Data Sheet

## PRE - HD8009™

Bordered Sealed Cleanroom Laundered non-woven 70% polyester + 30% nylon microfiber composite 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.



### Technical Data

Attributes (units)	Typical Value	Test Method
Basis Weight, nominal; (g/m <sup>2</sup> )	<b>84.5</b>	SUOREC-SOP-F105
Non-Volatile residue, NVR		IEST-RP-CC004.4 8.1.2
In deionized water; (g/m <sup>2</sup> )	<b>0.9583</b>	
In Isopropyl alcohol; (g/m <sup>2</sup> )	<b>0.3096</b>	
Absorbency (ml/m <sup>2</sup> )	<b>243</b>	IEST-RP-CC004.4/9.1
Absorptive Rate (s)	<b>0.58</b>	IEST-RP-CC004.4/9.2
LPC ( $\geq 0.5 \mu\text{m}$ )	<b>1890</b>	IEST-RP-CC004.4 7.1.3
APC ( $\geq 0.5 \mu\text{m}$ )	<b>n/a</b>	

### 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

- Non-Woven 70% polyester + 30% nylon microfiber composite knit, high chemical resistance, and high liquid absorption characteristics
- Available sizes: 9"x 9", 12"x 12" ( $\pm 13\text{mm}$ )
- 6%IPA + 94%DIW solutions mix
- Solvent used for pre-saturation is filtered through a 0.22  $\mu\text{m}$  high-efficiency bactericidal filter.
- Laundered and packaged in Q-Leap's ISO Class 5 cleanroom
- Packaging Style: 50pcs/bag, special bag package

### Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Designed for the highest level of contamination control in critical processing application
- The unique filament fiber structure provides high tensile strength while minimizing particle and fiber release during the wiping process
- 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)

MANUFACTURED IN VIETNAM. DELIVERED WORLDWIDE.

QL-WIP-MF84-C100-IPA06-TDS-R01-25

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