

# LYNBOND 2000

Supplier of Consumables for Cleanroom & Critical Environments

Product Information

**ISO Class 4 - 8**

Cleanroom Class 10 – 100,000

## Ultima II® Sealed Edged Cleanroom Wiper Polyester/Nylon Knitted Micro-denire Wiper

The Ultima II® is composed of a Polyester and Nylon knitted Microfiber / Micro-denier fabric, engineered for critical non-abrasive applications in mind. The blade-shaped fibre cross-section gently lifts, encapsulates, and removes particulates even without a wetting agent. Combined with the ultra-fine, soft fibres protects even the most highly sensitive and critical scratch-prone surfaces. The Ultima II® is ultrasonically sealed on all four edges, laundered, processed and packaged to ISO Class 4 (Class 10) environments, with ultra-low levels of particles, ions and extractables makes the Ultima II® consistent with Class 1 – 10 environments.

### Key Attributes

- 70% Polyester / 30% Nylon Microfibre knitted Wiper
- Ultrasonically sealed edges minimising fibre and particle generation and providing a smooth non-abrasive edge
- 8 times the number of filaments and 4 times the surface area of standard polyester wipers
- Soft feel, durable, and the ability to wipe surfaces clean without using a wetting agent.
- Blade shaped ultrafine fibre cross-section lifts, entraps and removes particulates from critical surfaces
- Packed in an ISO Class 4 (Class 10) cleanroom

### Benefits

- Soft to the hand, non-abrasive wiper with sealed edges
- Excellent for sensitive and scratch-prone surfaces
- Cleans efficiently with less solvent usage than traditional wipers
- Excellence absorption capabilities
- Low generation of static electricity
- Resist abrasion under rigorous use
- Durable, soft blade fibre, smooth and non-abrasive wiper

### Application

- Recommended in ISO Class 4 (Class 10) cleanrooms
- Designed for scratch prone sensitive surfaces
- Used in Display, Semiconductor, Optical and Lens Manufacturing
- Recommended for cleaning delicate process in critical environments
- Applying and removing solvents

### Quality Standards

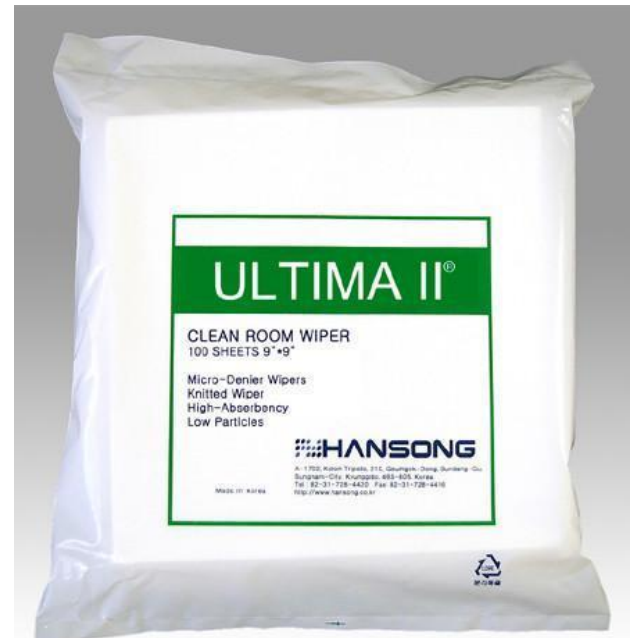
- Manufactured in a facility holding ISO 9001:2008
- Lot Traceability

### Material

- 70% Polyester / 30% Nylon

### Colour

- Cream



### Cleanroom classification

- Recommended for use in ISO Class 4 (Class 10) cleanroom applications
- Laundered using 17MΩ ultra-pure D.I water
- Processed and packaged in a double bag in an ISO Class 4 (Class 10) cleanroom
- Assures cleanliness with ultra low-level of particles, ion and extractable consistent with a class 1-10 cleanroom environment

### Quality Standards

- Manufactured in a facility holding ISO 9001:2008
- Lot traceability

### Ordering Information

Product Code	Size	Wipes / Pack	Pks/Carton
Ultima II/4	10 x 10cm (4 x 4")	600 Wipes / Pack	6 packs / Carton
Ultima II/9	23 x 23cm (9 x 9")	150 Wipes / Pack (2 x 75 wipes)	8 Packs / Carton
Ultima II/12	30 x 30cm (12 x 12")	50 Wipes / Pack	4 Packs / Carton

[www.lynbond2000.com](http://www.lynbond2000.com)

Revision:2018(b)

Company Registration No 3407384 Registered in England and Wales as a Limited Company

Registered Office: Building 3, North London Business Park, Oakleigh Road South, London, N11 1GN



## Ultima II® Sealed Edged Cleanroom Wiper Polyester/Nylon Knitted Micro-denire Wiper

The Ultima II® is composed of a Polyester and Nylon knitted Microfiber / Micro-denier fabric, engineered for critical non-abrasive applications in mind. The blade-shaped fibre cross-section gently lifts, encapsulates, and removes particulates even without a wetting agent. Combined with the ultra-fine, soft fibres protects even the most highly sensitive and critical scratch-prone surfaces. The Ultima II® is ultrasonically sealed on all four edges, laundered, processed and packaged to ISO Class 4 (Class 10) environments, with ultra-low levels of particles, ions and extractables makes the Ultima II® consistent with Class 1 – 10 environments.

### Technical data

DESCRIPTION		UNIT	VALUE
STRUCTURE		KNIT	
BASIS WEIGHT		g/m <sup>2</sup>	210
THICKNESS		µm	450±50
PARTICLE (APC)		EA/sh, >0.3µm	<20
ABSORBENCY		ml/m <sup>2</sup>	400
		ml/g	Min.2.4
RATE OF ABSORPTION		Sec/10mm	<3
NVR	D.I.WATER	g/m <sup>2</sup>	0.03
	IPA	g/m <sup>2</sup>	0.1
IMPURITY	Na	ppm	0.3
	K	ppm	0.05
	Cl	ppm	0.17

### Ordering Information

Product Code	Size	Wipes / Pack	Pks/Carton
Ultima II/4	10 x 10cm (4 x 4")	600 Wipes / Pack	6 packs / Carton
Ultima II/9	23 x 23cm (9 x 9")	150 Wipes / Pack (2 x 75 wipes)	8 Packs / Carton
Ultima II/12	30 x 30cm (12 x 12")	50 Wipes / Pack	4 Packs / Carton

