

Ultrawipe®

ISO Class 4+ Polyester Wiper

LYNBOND



About

Ultrawipe® is a single-knit 100% continuous filament Polyester wiper cut & ultrasonically sealed on all 4 edges, ensuring ultra-low lint and particle levels. Laundered, processed and vacuum packed in an ISO 4 Cleanroom. Recommended for ISO 4+ non-sterile cleanrooms. The Ultrawipe has low levels of extractables and ions and is ideal for cleaning surfaces to control sub-micron particles, fibres, and chemical residue.

Specification

- Compatibility: ISO Class 4+ Cleanrooms
- Size: Available in 4 x 4" & 9 x 9"
- 100% continuous filament single knit polyester wiper
- Laser cut and ultrasonically sealed on 4 edges
- Non sterile
- Colour: White

Features

- Soft, durable and ideal for sensitive surfaces
- High levels of absorption capabilities
- Low generation of static electricity
- Resist abrasion under rigorous use

Cleanroom Standards

- Laundered and Packed in a ISO 4 cleanroom
- Laundered using 17MΩ ultra-pure D.I water

Application

- Recommended in ISO Class 4+ cleanrooms
- For use in Semiconductor environments



Quality Standards

- Manufactured in a facility holding ISO 9001:2015
- Lot Traceability

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TECHNICAL DATA	SPECIFICATION		TEST METHOD
WIPER SIZE	4 x 4"	9 x 9"	
BASIC WEIGHT (g/m ²)	135 ± 5		GB/T 4669-2008
THICKNESS (mm)	0.45 ± 0.05		GB/T 3820-1997
EXTRINSIC CAPACITY (ml/m ²)	> 300		IEST-RP-CC004.4
SORPTIVE RATE (Sec)	< 2.0		IEST-RP-CC004.4
PARTICLES by APC sizes@>0.3µm (counts/ft ³)	< 100 ea/ft ³	< 300 ea/ft ³	IEST-RP-CC003.5
PARTICLES by LPC sizes@>0.5µm (counts/m ²)	< 8 x 10 ⁶ ea/m ²		IEST-RP-CC004.4
FIBRE, PARTICLES (ea/m ²) > 100µm	<1000		IEST-RP-CC004.3
NVR (Non-volatile Residue			
IPA (ppm)	<500	<400	IEST-RP-CC004.3
DIW (ppm) 17MΩ ultra-pure D.I water	<500	<200	
Organics by FTIR	No Silicone oil, Amide, and DOP detected		
Ions (ppm)			
Sodium (Na ⁺)	<0.5		
Chloride (Cl ⁻)	<0.5		
Potassium (K ⁺)	<0.5		
Calcium (Ca ²⁺)	<0.5		
Magnesium (Mg ²⁺)	<0.5		
Fluorine (F ⁻)	<0.5		
Bromide (Br ⁻)	<0.5		
Ammonium (NH ₄ ⁺)	<0.5		
Phosphate (PO ₄ ³⁻)	<0.5		
Phosphite (PO ₃ ⁻)	<0.5		
Sulfate (SO ₄ ²⁻)	<0.5		

ORDERING INFORMATION

PRODUCT CODE	ULTRAWIPE-4x4	ULTRAWIPE-9x9
SIZE	4 x 4"	9 x 9"
WIPES / PACK	600	150 (s x 75pcs)
PACKAGING	FLAT PACKED	

INVENTORY MANAGEMENT

STORAGE INSTRUCTIONS	Store in cool dry place (below 25°C) away from direct sunlight and heat
SHELF LIFE	60 months from Date of Manufacture

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