

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: 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

Rev.09.22

Ultrawipe

ISO Class 4+ Polyester Wiper

LYNBOND



| TECHNICAL DATA | SPECIFICATION | TEST METHOD |
|----------------------------------|--|-----------------|
| BASIC WEIGHT (g/m ²) | 132 ± 5 | GB/T 4669-2008 |
| THICKNESS (mm) | 0.50 ± 0.05 | GB/T 3820-1997 |
| ABSORBANCY CAPACITY | > 300 ml/m ² | IEST-RP-CC004.3 |
| ABSORBANCY RATE | < 3.0 sec | IEST-RP-CC004.3 |
| PARTICLES by APC sizes@>0.3µm | < 300 ea/ft ³ | IEST-RP-CC003.3 |
| PARTICLES by LPC sizes@>0.5µm | 8 x 10 ⁶ ea/m ² | IEST-RP-CC004.3 |
| FIBRE, PARTICLES > 100µm | <1000 ea/m ² | IEST-RP-CC004.3 |
| NVR (Non-volatile Residue | | |
| DI water | <500 ppm | IEST-RP-CC004.3 |
| IPA | <500 ppm | IEST-RP-CC004.3 |
| Organics by FTIR | No Silicone oil, Amide, and DOP detected | IEST-RP-CC004.3 |
| Ionics, IC | | |
| Sodium (Na) | < 0.5 ppm | IEST-RP-CC004.3 |
| Potassium (K) | < 0.5 ppm | IEST-RP-CC004.3 |
| Calcium (Ca) | < 0.5 ppm | IEST-RP-CC004.3 |
| Magnesium (Mg) | < 0.5 ppm | IEST-RP-CC004.3 |
| Chloride (Cl) | < 0.5 ppm | IEST-RP-CC004.3 |

ORDERING INFORMATION

| | |
|--------------|-------------|
| PRODUCT CODE | ULTRAWIPE |
| SIZE | 9 x 9" |
| WIPES / PACK | 150 |
| PACKAGING | FLAT PACKED |

INVENTORY MANAGEMENT

| | |
|----------------------|---|
| STORAGE INSTRUCTIONS | Store in cool dry place (below 28°C) away from direct sunlight and heat |
| SHELF LIFE | 48 months from Date of Manufacture |

Rev. 09.22