

PolyTex Ultra

ISO Class 5+ Polyester Wiper

LYNBOND



About

PolyTex Ultra is a double knit 100% continuous filament Polyester wiper and is laser sealed on all 4 edges, ensuring ultra low lint and particle levels. Laundered and vacuum packed, double-bagged in a NEBB certified cleanroom. Recommended for ISO 5+ non-sterile cleanrooms, cleaning of surfaces to control sub-micron particles, fibres, and chemical residue.

Specification

- Compatibility: ISO Class 5+ Cleanrooms
- Size: 9 x 9"
- 100% continuous filament double knit polyester wiper
- Laser cut and sealed on 4 edges
- Non sterile
- Colour: White

Features

- Soft, durable and ideal for sensitive surfaces
- High levels of absorption capabilities
- Other sizes available on request

Cleanroom Standards

- Laundered in a NEBB ISO 5 cleanroom
- Packed in a NEBB certified ISO 4 cleanroom
- Recommended for use in ISO Class 5 (Class 100) cleanroom applications
- Laundered using ultra-pure D.I water



Application

- Recommended in ISO Class 5+ cleanrooms
- For use in Semiconductor environments

Quality Standards

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

Rev.09.22

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TECHNICAL DATA	TYPICAL VALUES	TEST METHOD
BASIC WEIGHT (g/m ²)	130 ± 5	
THICKNESS (mm)	0.48 - 0.56	
ABSORBANCY CAPACITY	> 400 ml/m ²	IEST-RP-CC004.3, Sec 8.1
ABSORBANCY RATE	< 1.0 sec	IEST-RP-CC004.3, Sec 8.2
PARTICLES by APC sizes@>0.5µm	< 50 counts/pc (9 x 9")	IEST-RP-CC003.4, Helmke drum@10rpm
PARTICLES by LPC sizes@>0.5µm	35.0 x 10 ⁶ count/m ²	IEST-RP-CC004.3, Sec 6.1.4
NVR (Non-volatile Residue		IEST-RP-CC004.3, Sec 7.1.2
DI water	0.016 g/m ²	
API	0.016 g/m ²	
Organics by FTIR	No Silicone oil, Amide, and DOP detected	IEST-RP-CC004.3, Sec 7.2.1
Ionics, IC		
Sodium (Na)	0.123 ppm	IEST-RP-CC004.3, Sec 7.2.2
Potassium (K)	0.033 ppm	IEST-RP-CC004.3, Sec 7.2.2
Calcium (Ca)	0.128 ppm	IEST-RP-CC004.3, Sec 7.2.2
Magnesium (Mg)	0.0001 ppm	IEST-RP-CC004.3, Sec 7.2.2
Chloride (Cl)	0.048 ppm	IEST-RP-CC004.3, Sec 7.2.2

ORDERING INFORMATION

PRODUCT CODE	PT-POLY/9	Available on request	Available on request	Available on request
SIZE	9 x 9"	12 x 12"	6 x 6"	4 x 4"
WIPES / PACK	150	150	300	600
PACKAGING	FLAT PACKED	FLAT PACKED	TBC	TBC

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

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