

ULTRACLEAN®

Non-sterile Wiper - ISO Class 4 + Cleanrooms

LYNBOND



Manufactured by
HANSONG

About

Ultraclean is a double knit wiper made from 100% filament Polyester and sealed-edge on four edges by ultrasonic. The Ultraclean is specially engineered for superior surface cleaning, with very low metallic ions, and extractables. Suitable for ISO Class 4 + Cleanrooms. Due to the structural characteristics of the fibres, abrasion resistance is minimised, with high absorbancy.

Specification

- ISO Class 4 + Cleanrooms
- Sizes: 4 x 4", 6 x 6", 9 x 9"
- 100% Filament Polyester
- Ultrasonically cut & sealed on four edges
- Laundered and double packaged in a ISO Class 5 cleanroom

Features

- Extremely Low linting
- Minimal particles, fibres, ions and extractables
- Compatible with IPA, Acetone, and other solvents

Application

- ISO Class 4 + Cleanrooms
- Semiconductor & Microelectronics Manufacturing



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Technical Data (IEST_RP_CC004.3)

BASIC WEIGHT (g/m ²)	150
PARTICLES > APC 0.3µm / m ² (ea)	< 30
EXTRACTABLES (g / m ²)	
D.I. WATER (17MΩ ultra-pure D.I water) µg/cm ²	<1.42
IPA µg/cm ²	0.717
ABSORBANCY (ml / g)	2.3
RATE OF ABSORPTION (Seconds)	< 8
METALLIC IONS (ppm)	
Sodium Na ⁺	0.5
Magnesium Mg ²⁺	0.3
Calcium Ca ²⁺	6.0
Potassium K ⁺	N.D
Chloride Cl ⁻	1.5

PRODUCT INFORMATION

CLEANROOM CLASSIFICATION	ISO Class 4 +
MATERIAL	100% Polyester
EDGE TREATMENT	Ultrasonic cut & sealed on four sides
AVAILABLE SIZES	See ordering information
MANUFACTURING QUALITY STANDARDS	Manufacturing QMS Audit Standards ISO 9001:2015
ENVIRONMENTAL MANAGEMENT SYSTEM	ENVIRONMENT EMS Audit Standards ISO 14001:2015

INVENTORY MANAGEMENT

STORAGE INSTRUCTIONS	Store in cool dry place (below 28°C) away from direct sunlight and heat
SHELF LIFE	36 months from Date of Manufacture

ORDERING INFORMATION

PRODUCT CODE	ULTRA/4	ULTRA/6	ULTRA/9
PACKAGING	BULK PACKED	BULK PACKED	FLAT PACKED
WIPES / PACK	600	300	150

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