

BioClean™ Oryx Wipe BOWB

Non-sterile, nonwoven polycellulose wipes, offering outstanding absorption performance

- Enhanced absorbency: The BioClean™ Oryx Wipe BOWB is made from hydroentangled polycellulose material, ensuring high-quality cleanroom wipes that offer high absorbency
- Reduced allergy risks: It is free from whitening agents and optical brighteners, reducing wearer allergy risks.
- Guaranteed cleanliness: In addition, the low-linting BioClean™ Oryx Wipe BOWB is packed in an ISO Class 5 cleanroom, ensuring low particulate and extractable levels
- Heightened robustness: These nonwoven wipes boast excellent durability and strength
- Hydroentangled polycellulose design: Highly absorbent cleanroom wipes
- No optical brighteners or whitening agents: Fewer allergy risks
- ISO Class 5 cleanroom-packed: Low particulate and extractable levels



Industries

- Controlled and Critical Environments
- Laboratory and Research
- Production and Manufacturing



BioClean™ Oryx Wipe BOWB

TECHNICAL DATA SHEET

PRODUCT INFORMATION

Material	Polycellulose
Color	White
Audit Standards	ISO 9001
Standards	EN 420:2003 + A1:2009, ISO 2859, ISO 9001:2015
Packaging Overview	BOWB-9: 300 pieces per sealed inner PE bag; one inner PE bag per sealed outer PE bag; eight outer bags per lined carton(2400 pieces)
	BOWB-12: 150 pieces per sealed inner PE bag; one inner PE bag per sealed outer PE bag; 14 outer bags per lined carton (2100 pieces)
	BOWB-16: 100 pieces per sealed inner PE bag; one inner PE bag per sealed outer PE bag; 10 outer bags per lined carton (1000 pieces)
	BOWB-18: 100 pieces per sealed inner PE bag; one inner PE bag per sealed outer PE bag; 10 outer bags per lined carton (1000 pieces)
Country Of Origin	China
Available Sizes	230mm x 230mm (9" x 9"), 300mm x 300mm (12" x 12"), 400mm x 400mm (16" x 16"), 450mm x 450mm (18" x 18")
Cut	Blade
Weight	68gsm (±3gsm)
Cleanroom Class	Class 100/ISO 5
Shelf Life	Five (5) years from date of manufacture.

PHYSICAL PROPERTIES

Force at Break (N)	Machine Direction	98
Force at Break (IV)	Cross Direction	42
Absorption	Extrinsic Sorbency Capacity (ml/m²)	305.90
	Intrinsic Sorbency Capacity (ml/g)	4.60

Typical Extractable Ions								
	Sodium	Potassium	Magnesium	Calcium	Chloride			
(µg/cm²)	0.422	0.038	0.116	0.228	0.07			

ND = Not Detected, NT = Not Tested

Particle generation (≥0.5µm) orbital shake method	4.6 x 10 3/cm2		
Destination of the second of t	≥0.3µm	≥0.5µm	≥5.0µm
Particle generation Helmke drum method (average counts per minute)	1261 DRY 363 WET*	850 DRY 170 WET*	85 DRY 29 WET*



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