

## 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



### Key Features and Benefits

- **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 12

## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

<b>Material</b>	Polycellulose
<b>Color</b>	White
<b>Audit Standards</b>	ISO 9001
<b>Standards</b>	EN 420:2003 + A1:2009, ISO 2859, ISO 9001:2015
<b>Packaging Overview</b>	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)
<b>Country Of Origin</b>	China
<b>Available Sizes</b>	300mm x 300mm (12" x 12")
<b>Cut</b>	Blade
<b>Weight</b>	68gsm (±3gsm)
<b>Cleanroom Class</b>	Class 100/ISO 5
<b>Shelf Life</b>	Five (5) years from date of manufacture.

### PHYSICAL PROPERTIES

<b>Force at Break (N)</b>	<b>Machine Direction</b>	98
	<b>Cross Direction</b>	42
<b>Absorption</b>	<b>Extrinsic Sorbency Capacity (ml/m<sup>2</sup>)</b>	305.90
	<b>Intrinsic Sorbency Capacity (ml/g)</b>	4.60

Typical Extractable Ions					
	Sodium	Potassium	Magnesium	Calcium	Chloride
<b>(µg/cm<sup>2</sup>)</b>	0.422	0.038	0.116	0.228	0.07

ND = Not Detected, NT = Not Tested

<b>Particle generation (≥0.5µm) orbital shake method</b>	4.6 x 10 <sup>3</sup> /cm <sup>2</sup>		
<b>Particle generation Helmke drum method (average counts per minute)</b>	<b>≥0.3µm</b>	<b>≥0.5µm</b>	<b>≥5.0µm</b>
	1261 DRY / 363 WET*	850 DRY / 170 WET*	85 DRY / 29 WET*

### ORDERING INFORMATION

	<b>SIZE</b>	300mm x 300mm (12" x 12")
BOWB 12	<b>REORDER NO.</b>	BOWB 12

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