

## Sterile, nonwoven polycellulose wipes, providing superior absorption capabilities

- **Enhanced absorbency:** BioClean™ Oryx BOWS cleanroom wipes are composed of hydroentangled polycellulose, delivering outstanding absorption properties
- **Minimized allergy risks:** They feature no whitening agents or optical brighteners, reducing the risk of allergic reactions
- **Guaranteed cleanliness:** These low-linting wipes are sterilized via gamma irradiation and packed in an ISO Class 5 cleanroom facility, ensuring low levels of particulates and extractables, while sampling and inspection are carried out in accordance with ISO 2859-3 standards
- **Heightened robustness:** BioClean™ Oryx BOWS nonwoven wipes also benefit from excellent durability and strength



### Key Features and Benefits

- **Hydroentangled polycellulose design:** Excellent absorption properties
- **No optical brighteners or whitening agents:** Lesser allergy risks
- **ISO Class 5 cleanroom-packed:** Minimal extractable and particulate levels

### Industries

- Controlled and Critical Environments
- Production and Manufacturing



# BioClean™ Oryx BOWS 9

## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

<b>Material</b>	Polycellulose
<b>Color</b>	White
<b>Audit Standards</b>	ISO 9001
<b>Standards</b>	ISO 2859, ISO 9001:2015
<b>Packaging Overview</b>	BOWS-9: 10 pieces (C-folded) per sealed inner PE bag; 10 inner PE bags per sealed outer PE bag; 27 outer bags per lined carton (2700 pieces)
<b>Country Of Origin</b>	China
<b>Available Sizes</b>	230mm x 230mm (9" x 9")
<b>Sterilization Method</b>	GAMMA irradiation (25 kGy)
<b>Cut</b>	Blade
<b>Weight</b>	68gsm (±3gsm)
<b>Cleanroom Class</b>	Class 100/ISO Class 5 & EU GMP Grade A/B and other sterile cleanrooms
<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>	230mm x 230mm (9" x 9")
<b>BOWS 9</b>	<b>REORDER NO.</b>	BOWS-9

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