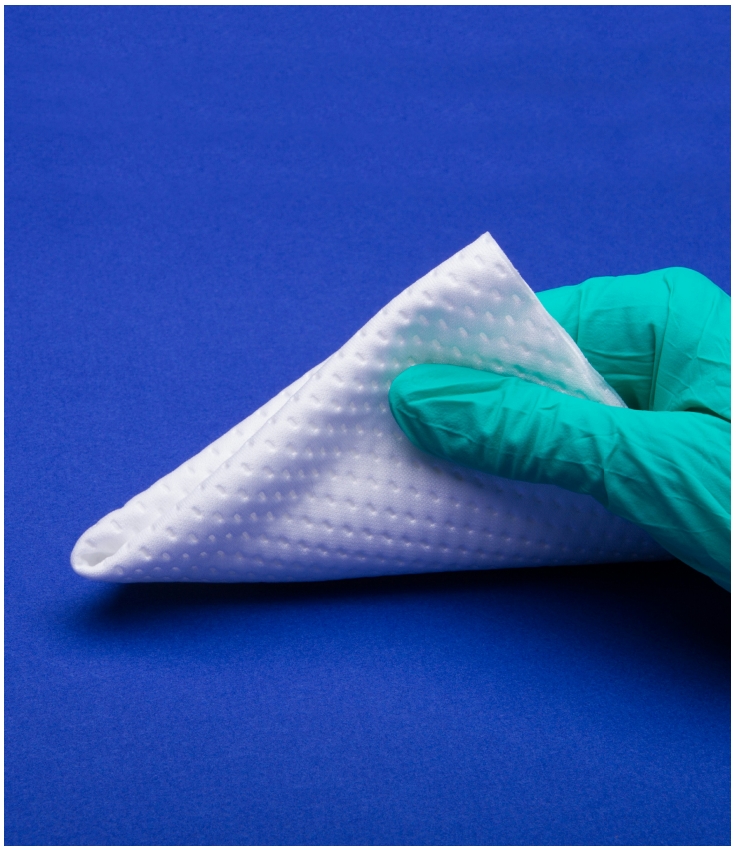
# BioClean™ Isopure Plus BIWP 9

## Durable, non-sterile, double-knit polyester wipes, ensuring excellent absorption

- **Enhanced performance:** BioClean™ Isopure Plus BIWP 9 non-sterile wipes are double-knit and made from 100% continuous-filament polyester, combining durability and outstanding absorption performance
- **Added protection:** BioClean™ Isopure Plus BIWP 9 polyester wipes are also ultra-low-linting and feature ultrasonically cut and sealed edges, reducing the risk of particulates entering the cleanroom environment
- **Assured cleanliness:** These cleanroom wipes are packed in an ISO Class 4 cleanroom, making them ideal for use in controlled environments



### Key Features and Benefits

- **Continuous-filament polyester:** For excellent absorption properties
- **Ultrasonically sealed edges:** Reduced risks of particulate contamination
- **ISO Class 4 cleanroom-packed:** Additional particulate protection

### Industries

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

# BioClean™ Isopure Plus BIWP 9

## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

| | |
|---|---|
| Material | Polyester |
| Color | White |
| Audit Standards | ISO 9001:2015 |
| Standards | EN 420:2003 + A1:2009, ISO 2859, ISO 9001:2015 |
| Packaging Overview | 100 pieces per sealed inner PE bag; one inner PE bag per sealed outer PE bag; 10 outer bags per lined carton (1000 pieces) |
| Available Sizes | 230mm x 230mm (9″ x 9″) |
| Cut | Ultrasonic |
| Cleanroom Class | Class 10/ISO 4 |
| Shelf Life | 5 years |

### PHYSICAL PROPERTIES

| | | |
|---|---|---|
| Force at Break (N) | Machine Direction | 3.85 N / 68% |
| | Cross Direction | 4.90 N / 240% |
| Absorption | Extrinsic Sorbency Capacity (ml/m<sup>2</sup>) | 370 |
| | Intrinsic Sorbency Capacity (ml/g) | 2.15 |

| Typical Extractable Ions | | | | | |
|---|---|---|---|---|---|
| | Sodium | Potassium | Magnesium | Calcium | Chloride |
| (µg/cm<sup>2</sup>) | 0.0095 | ND | ND | 0.001 | 0.007 |

ND = Not Detected, NT = Not Tested

| | | | |
|---|---|---|---|
| Particle generation (≥0.5µm) orbital shake method | 715 | | |
| Particle generation Helmke drum method (average counts per minute) | ≥0.3µm | ≥0.5µm | ≥5.0µm |
| | 2304 | 1334 | 138 |

### ORDERING INFORMATION

| | SIZE | 230mm x 230mm (9” x 9”) |
|---|---|---|
| BIWP 9 | REORDER NO. | BIWP-9 |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