

# BioClean™ Isopure Plus S BIWP 12

# Sterile, polyester, cleanroom wipes featuring ultrasonically sealed edges, for minimal particulate contamination

**Dimensions:** 305mm x 305mm/12" x 12"

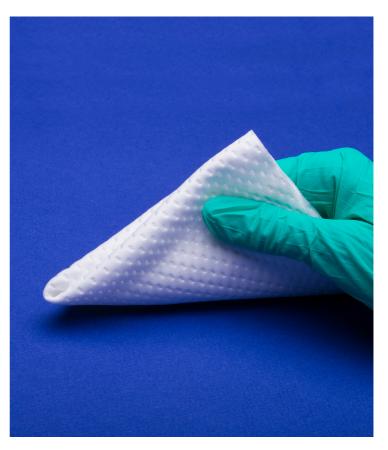
- Enhanced performance: BioClean™ Isopure Plus S BIWP 12 sterile wipes are manufactured from 100% continuousfilament polyester, for highly durable cleanroom wipes that ensure superior absorption
- Added protection: These low-linting sterile wipes feature ultrasonically sealed edges, for a reduced risk of particulates entering the controlled environment
- Assured sterility: BioClean™ Isopure Plus S BIWP 12 cleanroom wipes are sterilized though a gamma irradiation process, making them cleanroom environment-compatible

# **Key Features and Benefits**

- Continuous-filament polyester: Excellent absorption performance
- Ultrasonically sealed edges: Lesser risk of particulate contamination
- **Gamma irradiation sterilization:** Cleanroom environment compatibility

#### **Industries**

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







# BioClean™ Isopure Plus S **BIWP 12**

## **TECHNICAL DATA SHEET**

## **PRODUCT INFORMATION**

Material	Polyester / Polyurethane
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)
Country Of Origin	Malaysia
Available Sizes	300mm x 300mm (12" x 12")
Sterilization Method	Gamma Irradiation
Cut	Ultrasonic
Weight	130gsm (±5gsm)
Cleanroom Class	Class 10/ISO Class 4 & EU GMP Grade A/B and other sterile cleanrooms
Shelf Life	Three (3) years from date of manufacture.

### **PHYSICAL PROPERTIES**

Force at Break (N)	Machine Direction	3.83 N / 68%
	Cross Direction	4.92 N / 239%
Absorption	Extrinsic Sorbency Capacity (ml/m <sup>2</sup> )	370
Absorption	Intrinsic Sorbency Capacity (ml/g)	2.15

Typical Extractable Ions					
	Sodium	Potassium	Magnesium	Calcium	Chloride
(µg/cm <sup>2</sup> )	0.0081	ND	ND	ND	0.002

ND = Not Detected, NT = Not Tested

Particle generation (≥0.5µm) orbital shake method	710		
Particle generation Helmke drum method (average counts per minute)	≥0.3µm	≥0.5µm	≥5.0µm
Farticle generation Helitike druit method (average counts per minute)	1750	884	64

### **ORDERING INFORMATION**

	SIZE	300mm x 300mm (12" x 12")
S BIWP 12	REORDER NO.	S BIWP 12

#### For additional information visit us at www.ansell.com, or call us at

Europe, Middle East & Africa Region

Ansell Healthcare Europe NV T: +32 (0) 2 528 74 00 F: +32 (0) 2 528 74 01

Asia Pacific Region

Ansell Global Trading Center T· +603 8310 6688 F: +603 8310 6699

North America Region

Ansell Healthcare Products LLC US T: +1 800 800 0444 US F: +1 800 800 0445 CA T: +1-800-363-8340

Latin America & Caribbean Region Ansell Commercial Mexico S.A. de C.V. T: +52 442 248 1544 / 248 3133 Australia

Ansell Limited T: +61 1800 337 041 F: +61 1800 803 578

UK

Ansell Nitritex T: +44 1638 663338 F: +44 1638 668890

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