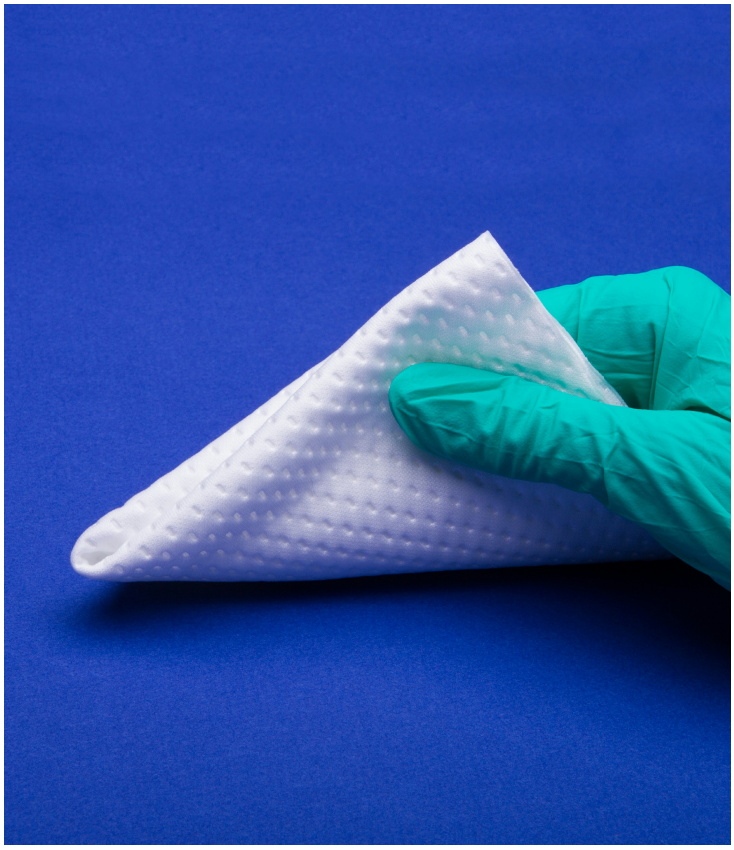
BioClean™ Isopure Plus S BIWP 12

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% continuous-filament 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/m²)	370
	Intrinsic Sorbency Capacity (ml/g)	2.15

Typical Extractable Ions					
	Sodium	Potassium	Magnesium	Calcium	Chloride
(µg/cm²)	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
	1750	884	64

ORDERING INFORMATION

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

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