



NanoTek  
ISO 3-4 (Class 1-10)

# Valutek Microporous Lab Coat



Valutek's disposable microporous lab coats are crafted from 100% non-linting microporous film bonded with a non-woven fabric. This combination offers superior barrier protection against non-toxic particulates, liquids, spray, and dust.

These lab coats are not only highly breathable but also ensure exceptional comfort for the operator. Designed knee-length, they come with a zipper closure, one pocket, elastic cuffs, and a single-ply shirt collar.

All Valutek lab coats undergo testing and are manufactured in ISO-compliant facilities. Under Valutek's oversight and rigorous process control, we ensure adherence to our quality standards and product specifications.

Part Number: VTMLBCTZ

## Features

- Crafted from 100% non-linting microporous film bonded with a non-woven fabric.
- Disposable, lightweight, and highly breathable.
- Designed knee-length with a zipper closure, one pocket, elastic cuffs, and a single-ply shirt collar.

## Application

As part of the **Valutek Nanotek product family**, this lab coat is recommended for stringent industrial environments or demanding cleanroom applications.

It's ideally suited for use in cleanroom **Class 1-10 (ISO 3-4)** critical environments that demand high levels of contamination control and cleanliness.

## Color Option

White

## Packaging



- 5 ea/bag, 6 bags/case, 30 ea/case.
- Flat packed with a carton liner.
- Critical environment compatible.
- Poly bags are fully part numbered and lot number traceable.



Gloves



Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD



## Valutek Microporous Lab Coat

Part Number: VTMLBCTZ

## VTMLBCTZ Garment Sizes and Dimensions

Part Number	Size	Length	Chest Width	Sleeve Length
VTMLBCTZ-SM	SM	38½"	25"	34"
VTMLBCTZ-MD	MD	40"	26"	34½"
VTMLBCTZ-LG	LG	41"	27½"	35½"
VTMLBCTZ-XL	XL	42½"	28¾"	36¾"
VTMLBCTZ-2X	XXL	44"	30"	37½"
VTMLBCTZ-3X	XXXL	45½"	31"	39"
VTMLBCTZ-4X	XXXXL	46½"	32"	40½"

## VTMLBCTZ Physical Properties (Substrate Data)

Test Item	Result	Test Method
<b>Physical Properties</b>		
Basis Weight	55 ± 2 gsm	IEST-RP-CC003
Particle Shedding	Category II	
<b>Tensile Strength</b>		
Warp	28 lbs./in	ASTM D5034
Filling	18.5 lbs./in	
<b>Elongation at break</b>		
Warp	≤ 90%	ASTM D2261
Filling	≤ 150%	
<b>Barrier and Comfort Properties</b>		
Hydrostatic Pressure	95 - 170 cm H <sub>2</sub> O	GB/T 4744-1997
Water Vapor Transmission Rate	2000 - 6000 g/m <sup>2</sup> /24hrs	ASTM E96

\*Note: Technical data listed reflects upper/lower limits. Certificates of Analysis available upon request for actual lot-to-lot test data. 36 month lot trend analysis available upon request.



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