

# Valutek Microporous Lab Coat

Part Number: VTMLBCTZ



**Description:** Valutek's disposable microporous lab coats are manufactured with 100% non-linting microporous film bonded with a non-woven fabric that provides superior barrier protection against non-toxic particulates, liquids, spray and dust. The lab coats are highly breathable and provide great operator comfort. The lab coats are knee length with a zipper closure, one pocket, elastic cuff and a single ply shirt collar design. All Valutek lab coats are tested and manufactured in ISO compliant facilities under Valutek inspection and stringent process control to ensure Valutek quality standard and product specification compliance.

**Application:** As part of the **Valutek Nanotek product family**, this product is recommended for either stringent industrial or demanding cleanroom applications. This lab coat is ideal for use in a cleanroom Class 1-10 (ISO 3-4) critical environment that require high contamination control and cleanliness.

**Color Option:** White

## 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"	28¼"	36¼"
VTMLBCTZ-2X	XXL	44"	30"	37½"
VTMLBCTZ-3X	XXXL	45½"	31"	39"
VTMLBCTZ-4X	XXXXL	46½"	32"	40½"

## VTMLBCTZ 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.



■ Valutek West  
USA-Phoenix.AZ

■ Valutek East  
USA-Albany.NY

■ Valutek Asia Sdn. Bhd  
Malaysia

■ Valutek P.R.C.  
China

■ Valutek Latam  
Costa Rica

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## VTMLBCTZ Physical Properties (Substrate Data)

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

\*Note: Technical data represented in this table are typical values at the time of publication. Third party independent lab test results available upon request.

