

Valutek Microporous Coveralls

Part Number: VTMCVRL & VTMCVRLHB



Description: Valutek's disposable microporous coveralls are manufactured with 100% non-linting microporous film bonded with a non-woven fabric to provide superior barrier protection against non-toxic particulates, liquids, spray and dust. All coveralls have a flap over zipper closure, elastic wrist and ankle cuffs design. Available with either a single ply shirt collar or with an elastic hood and attached anti-skid PVC sole boot covers. The coveralls are highly breathable and provide the operators with comfortable full body coverage protection. All Valutek coveralls 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 coverall is ideal for use in a cleanroom Class 1-10 (ISO 3-4) critical environment as well as other critical areas that require high contamination control and cleanliness.

Color Option: White

VTMCVRL & VTMCVRLHB Garment Sizes and Dimensions



Part Number	Size	Length	Chest Width	Sleeve Length	Leg Length
VTMCVRL-SM	SM	63¾"	23"	33"	28¾"
VTMCVRL-MD	MD	65¾"	24"	34"	28¾"
VTMCVRL-LG	LG	67¾"	25"	35"	29"
VTMCVRL-XL	XL	70"	27"	36¼"	30"
VTMCVRL-2X	XXL	72"	29½"	37"	31½"
VTMCVRL-3X	XXXL	74½"	31½"	38"	32½"
VTMCVRL-4X	XXXXL	75½"	32½"	40"	33"



Part Number	Size	Length	Chest Width	Sleeve Length	Leg Length
VTMCVRLHB-SM	SM	63¾"	23"	33"	28¾"
VTMCVRLHB-MD	MD	65¾"	24"	34"	28¾"
VTMCVRLHB-LG	LG	67¾"	25"	35"	29"
VTMCVRLHB-XL	XL	70"	27"	36¼"	30"
VTMCVRLHB-2X	XXL	72"	29½"	37"	31½"
VTMCVRLHB-3X	XXXL	74½"	31½"	38"	32½"
VTMCVRLHB-4X	XXXXL	75½"	32½"	40"	33"



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VTMCVRL & VTMCVRLHB Packaging



- 5 ea/bag, 5 bags/case, 25 ea/case, flat packed with a carton liner.
- Critical environment compatible. Poly bags are fully part numbered and lot number traceable.

VTMCVRL & VTMCVRLHB Physical Properties (Substrate Data)

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

