



NanoTek
ISO 3-4 (Class 1-10)

Valutek Microporous Hood



Part Number: VTMHOOD-U

Valutek's disposable microporous hood is crafted from 100% non-linting microporous film, which is bonded to a non-woven fabric, offering excellent barrier protection against non-toxic particulates, liquids, spray, and dust.

Furthermore, the hood is designed with high breathability to ensure the comfort of the operator.

All Valutek hoods undergo rigorous testing and are produced in ISO compliant facilities, with Valutek overseeing the inspection and strict process control to maintain the Valutek quality standard and ensure compliance with product specifications.

Features

- Made from 100% non-linting microporous film bonded with a non-woven fabric,
- Disposable, lightweight, and comfortable with high breathability
- Provides superior barrier protection against non-toxic particulates, liquids, sprays, and dust.

Application

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

The hood is perfectly suited for cleanroom environments classified as Class 1-10 (ISO 3-4) tha requires high contamination control and cleanliness.

Color Option

White

Packaging



- 20 ea/bag, 5 bags/case, 100 ea/case.
- Flat packed with a carton liner.
- Critical environment compatible.
- Part numbered and lot number traceable.

Size Option

Universal Size



Gloves



Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD



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VTMHOOD-U Physical Properties (Substrate Data)

Test Item	Result	Test Method
Physical Properties		
Basis Weight	55 ± 2 gsm	ASTM D3776
Particle Shedding (Helmke Drum)	Category II	IEST-RP-CC003
Tensile Strength		
Warp	28 lbs./in	ASTM D5034
Filling	18.5 lbs./in	
Elongation at break		
Warp	≤ 90%	ASTM D2261
Filling	≤ 150%	
Barrier and Comfort Properties		
Hydrostatic Pressure	95 - 170 cm H ₂ O	GB/T 4744-1997
Water Vapor Transmission Rate	2000 - 6000 g/m ² /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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