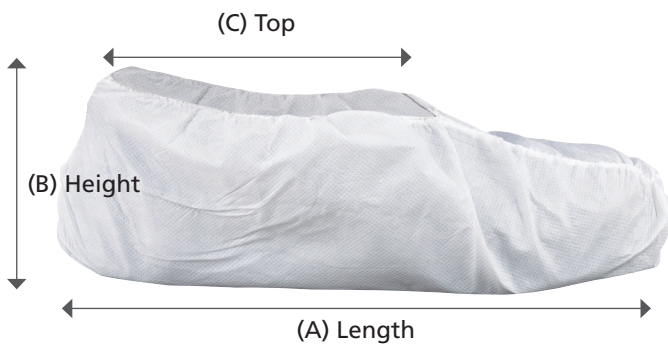


## VWR Maximum Protection Fluid-Impervious Butterfly-Style Shoe Covers

- Fluid-Impervious Material with Seamless Bottom to Repel Water
- Skid Resistance on Wet and Smooth Surfaces
- Excellent Particulate Barrier
- Low-Linting

VWR Maximum Protection Fluid-Impervious Butterfly-Style Shoe Covers are the cleanest and most durable within the entire VWR Protection line of apparel. These static-dissipative shoe covers have been engineered to optimize barrier protection, cleanliness, and comfort. Shoe covers are rigorously tested and manufactured in an ISO Certified facility under stringent process controls to ensure that each product meets exacting quality standards and performs to specification. Our products are lot controlled and continuously validated through independent lab testing.



### Shoe Cover Dimensions

Size	Universal	XL	2XL
Length (A)	15½"	17"	19"
Height (B)	6½"	7"	7¼"
Top, Relaxed (C)	4½"	5"	5½"
Top, Stretched (C)	10½"	11"	13"

### VWR Maximum Protection Fluid-Impervious Butterfly-Style Shoe Covers

Size	Cat. No.	Case of
<b>White</b>		
Universal	414004-646	150
X-Large	414004-647	150
2X-Large	414004-648	150
<b>Blue</b>		
Universal	414004-641	150
X-Large	414004-642	150
2X-Large	414004-643	150

To order, visit [vwr.com](http://vwr.com) or call your VWR Sales Representative today.

# Material Properties for VWR® Maximum Protection Fluid-Impervious Butterfly-Style Shoe Covers

	Test Item	Result	Test Standard
PHYSICAL PROPERTIES	Particle Shedding (Helmke Drum)	Level I	IEST-RP-CC003.3
	Weight (g/m <sup>2</sup> )	60.75	ASTM D3776
	Wyzenbeek Abrasion Mass Loss	1.55%	200 Rubs Using Zero Grade Emery Paper
	Mullen Bursting Strength (Avg. PSI)	26.0	ASTM D3786
	Tensile Strength (Avg. lbs./in.)		
	Warp	38.6	ASTM D5034
	Filling	31.0	
	Trapezoid Tearing Strength (Avg. lbs./in.)		
	Lengthwise Yarns	15.5	ASTM D4533
	Widthwise Yarns	24.5	
	BARRIER PROPERTIES	Bacterial Filtration Efficiency (28.3L/min, 1CFM)	99.9%
Water Resistance		Pass	AATCC Method 42
SKID-RESISTANCE PROPERTIES	Coefficient of Friction (COF)		
	Kinetic COF	1.71	ASTM D1894
	Static COF	0.57	

All test results provided by independent third-party testing laboratories located in USA.

WARNING: These garments and associated materials are not suitable for use in some environments containing chemicals and/or hazardous agents. It is the responsibility of the user to determine the level of risk in a particular environment and the proper personal protection equipment needed. Garments manufactured from synthetic non-woven material may generate static electricity. Garments that contain an anti-stat treatment are not intended to be used as a safety feature. These garments are not recommended to be used in a flammable and or explosive environment. Contact VWR International for garment/fabric safety data. The application of these products is out of VWR International's control. Therefore, VWR International, LLC makes no warranties, expressed or implied, and assumes no liability as to the performance of these products for a particular use. Caution: Avoid heat and/or open flame.



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