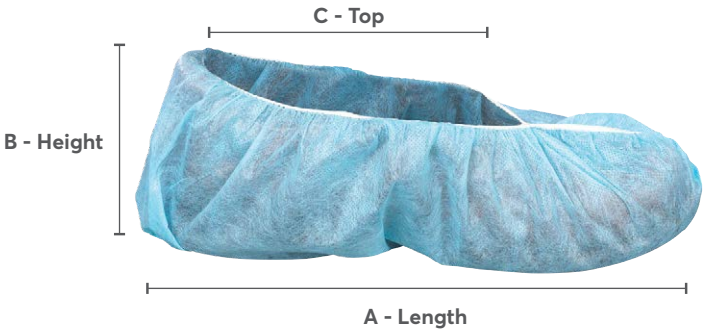
TECHNICAL NOTE

VWR®
Basic Protection SPP Shoe Covers

VWR® BASIC PROTECTION SPP SHOE COVERS

- Economical
- First-line barrier
- Maximum breathability

VWR Basic Protection SPP Shoe Covers are manufactured from strong, lightweight and breathable spunbonded polypropylene (SPP) fabric, which protects against dirt, grime and certain dry particulates in nonhazardous environments. These shoe covers are ideal for less critical areas or pre-gowning entry rooms. They 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 validated through independent lab testing.



Shoe cover measurements

Size	Universal	XL
Length (A)	17½"	18½"
Height (B)	6¾"	7¾"
Top, relaxed (C)	5"	5½"
Top, stretched (C)	11½"	15"

Material properties heavyweight shoe covers

Item		Average	Tolerance	Test Method
Weight (g/m²)		40	+/-2	GB/T4669-1995
Break Tensile Properties (N)	MD	>35		GB/T3923.1-1997
	CD	>55		GB/T3923.1-1997
Elongation Rate (%)	MD	>50		GB/T3923.1-1997
	CD	>50		GB/T3923.1-1997

VWR® BASIC PROTECTION SPP SHOE COVERS

Fabric Weight	Size	Color	Packaging	Cat. No.
Standard				
36 g/m²	Universal	Blue	100/BG, 10 BG/CS, 1,000/CS	**97041-234**
Anti-Skid				
36 g/m²	Universal	Blue	100/BG, 10 BG/CS, 1,000/CS	**97041-236**
36 g/m²	X-Large	Blue	100/BG, 10 BG/CS, 1,000/CS	**414004-653**

To order, visit **vwr.com** or call your VWR Sales Representative today.

MATERIAL PROPERTIES

Physical properties

Test Item	Result	Test Standard
Particle Shedding (Helmke Drum)	Level II	IEST-RP-CC003.3
Weight (g/m^2)	36	ASTM D3776
Mullen Bursting Strength (Avg. PSI)	10.8	ASTM D3786
Trapezoid Tearing Strength (Avg. lbs./in.)		
Lengthwise Yarns	6.1	ASTM D4533
Widthwise Yarns	7.9	

Barrier Property

Test Item	Result	Test Standard
Bacterial Filtration Efficiency*	55%	ASTM F2101

Skid-Resistance Properties

Test Item	Result	Test Standard
Coefficient of Friction (COF)		
Kinetic COF	1.80	ASTM D1894
Static COF	1.02	

*Control Average: 2233 CFU.

ALL TEST RESULTS PROVIDED BY INDEPENDENT THIRD-PARTY TESTING LABORATORIES LOCATED IN THE U.S.

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-static 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 Avantor® for garment/fabric safety data. The application of these products is out of Avantor's control. Therefore, Avantor 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.

TO ORDER

Visit www.avantorsciences.com or call your Avantor Sales Representative today.

vwr.com

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