

TECHNICAL NOTE

VWR[®]

Basic Protection SPP Lab Coats

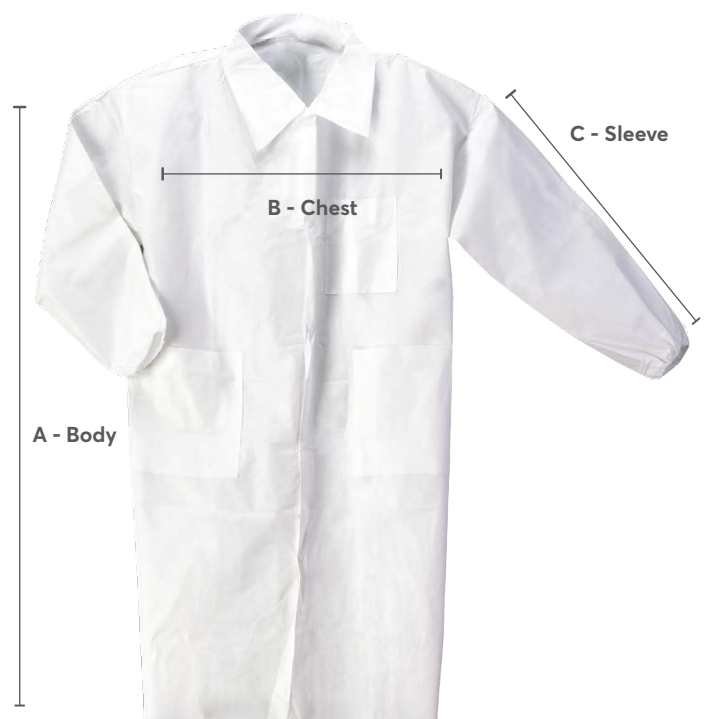
VWR[®] BASIC PROTECTION SPP LAB COATS

- Economical
- First-line barrier
- Maximum breathability

VWR Basic Protection SPP Lab Coats are manufactured from strong, lightweight and breathable spunbonded polypropylene (SPP) fabric, which protects against dirt, grime and certain dry particulates in nonhazardous environments. These garments are ideal for less critical areas or pre-gowning entry rooms. Lab coats 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.

Lab Coat dimensions

Size	S	M	L	XL	2X	3X	4X	5X
Body (1)	36 ³ / ₄ "	39 ¹ / ₂ "	40"	42 ³ / ₄ "	43 ¹ / ₂ "	44 ¹ / ₂ "	46 ¹ / ₂ "	47 ¹ / ₂ "
Chest (2)	24 ¹ / ₄ "	25 ¹ / ₄ "	27"	27 ³ / ₄ "	29 ¹ / ₂ "	30 ³ / ₄ "	31 ¹ / ₂ "	33"
Sleeve (3)	30"	30 ¹ / ₄ "	32 ¹ / ₂ "	33"	37 ¹ / ₂ "	38 ¹ / ₄ "	39 ¹ / ₄ "	42 ¹ / ₂ "



VWR® BASIC PROTECTION SPP LAB COATS

Fabric Weight	Size	Color	Packaging	Cat. No.
Lab Coat with Snap Front, Elastic Cuff and Three Pockets				
48 g/m ²	Small	White	Single Over-Bag, 25/CS	414004-352
48 g/m ²	Medium	White	Single Over-Bag, 25/CS	414004-353
48 g/m ²	Large	White	Single Over-Bag, 25/CS	414004-351
48 g/m ²	X-Large	White	Single Over-Bag, 25/CS	414004-350
48 g/m ²	2X-Large	White	Single Over-Bag, 25/CS	414004-349
48 g/m ²	3X-Large	White	Single Over-Bag, 25/CS	76311-258
48 g/m ²	4X-Large	White	Single Over-Bag, 25/CS	414004-354
Lab Coat with Snap Front, Knit Cuff and Three Pockets				
48 g/m ²	Small	White	Single Over-Bag, 30/CS	414004-346
48 g/m ²	Medium	White	Single Over-Bag, 30/CS	414004-345
48 g/m ²	Large	White	Single Over-Bag, 30/CS	414004-344
48 g/m ²	X-Large	White	Single Over-Bag, 30/CS	414004-342
48 g/m ²	2X-Large	White	Single Over-Bag, 30/CS	414004-343
48 g/m ²	3X-Large	White	Single Over-Bag, 30/CS	414004-348
Lab Coat with Snap Front, Knit Cuff, Knit Collar and No Pockets				
48 g/m ²	2X-Large	White	Single Over-Bag, 30/CS	89136-824
48 g/m ²	5X-Large	White	Single Over-Bag, 30/CS	89136-828
Lab Coats with Snap Closure, Elastic Cuff and Three Pockets				
30 g/m ²	Large	Light Blue	Single Over-Bag, 30/CS	89208-750
30 g/m ²	X-Large	Light Blue	Single Over-Bag, 30/CS	89208-752
30 g/m ²	2X-Large	Light Blue	Single Over-Bag, 30/CS	89208-754
30 g/m ²	4X-Large	Light Blue	Single Over-Bag, 30/CS	89208-756
Lab Coat with Snap Closure, Knit Cuff, Knit Collar and Three Pockets				
40 g/m ²	Medium	White	Single Over-Bag, 30/CS	89208-812
40 g/m ²	Large	White	Single Over-Bag, 30/CS	89208-814
40 g/m ²	X-Large	White	Single Over-Bag, 30/CS	89208-816
40 g/m ²	2X-Large	White	Single Over-Bag, 30/CS	89208-818
40 g/m ²	4X-Large	White	Single Over-Bag, 30/CS	89208-820

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

MATERIAL PROPERTIES

Physical properties

Test Item	Result	Test Standard
Physical Properties		
Particle Shedding (Helmke Drum)	Level II	IEST-RP-CC003.3
Weight (g/m ²)	48.82	ASTM D3776
	21.1	ASTM D6797
Tensile Strength (Avg. lbs./in.)		
Warp	25.9	ASTM D5034
	23.1	ASTM D5034
Tearing Strength (Avg. lbs./in.)		
Lengthwise Yarns	4.2	ASTM D2261
Widthwise Yarns	4.0	ASTM D2261
Test Item	Result	Test Standard

Barrier properties

Test item	Result	Test standard
Bacterial Filtration Efficiency*	55%	ASTM F2101
Water Resistance (Avg. g)	21.7	AATCC Method 42

Comfort properties

Test item	Result	Test standard
Water Vapor Transmission Rate (Avg. g/m ² /24 hrs.)†	1257	ASTM E96
Air Permeability (cu. ft./min./sq. ft.)	840.63	ASTM D737

*Control Average: 2233 CFU.

†Procedure B, Water Method, 73.4°F 50% Rh; Air Gap: 1/4".

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.