

TECHNICAL NOTE

VWR[®]

Basic Protection SPP Gowns

VWR[®] BASIC PROTECTION SPP GOWNS

- Economical
- First-line barrier
- Non-linting

VWR Basic Protection SPP Gowns are manufactured from strong, lightweight and breathable spunbonded polypropylene (SPP) fabric, which protects against dirt, grime and certain dry particulates in nonhazardous environments. Gowns 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 validated through independent lab testing.

Gown measurements

Size	L	XL
Body (A)	45"	47¼"
Chest (B)	27"	30"
Sleeve (C)	23"	24¾"
Waist tie (D)	29½"	29½"
Neck tie (E)	11"	11"



VWR® BASIC PROTECTION SPP GOWNS

Size	Color	Packaging	Cat. No.
Universal	Blue	Single Over-Bag, 50/CS	89178-402
X-Large	Blue	Single Over-Bag, 50/CS	89178-404
Universal	Yellow	Single Over-Bag, 50/CS	414004-467
X-Large	Yellow	Single Over-Bag, 50/CS	414004-468

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	Test description
Particle shedding (Helmke drum)	Level II	IEST-RP-CC003.3	Garments are tumbled in a stainless-steel drum for 10 min. Particles are then counted with a laser particle counter.
Weight (g/m²)	25.49	ASTM D3776	Measurement of fabric mass per unit area (weight).
Tensile strength (avg. lb/in.)			
Warp	12.6	ASTM D5034	Covers the grab and modified grab test procedures for determining the breaking strength and elongation of textile fabrics. Provisions are made for wet testing.
Filling	10.4		
Tearing strength (avg. lb/in.)			
Lengthwise yarns	1.6	ASTM D2261	Measurement of the tearing strength of textile fabrics via the tongue (single rip) procedure using a recording CRE tensile tester.
Widthwise yarns	1.6		

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.