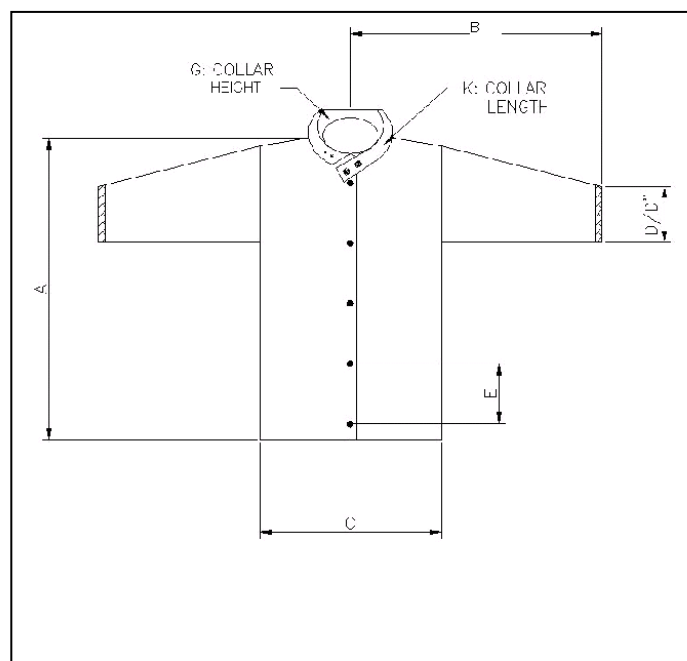


VWR® BASIC SPP Frocks

VWR Basic SPP apparel is 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. All apparel are rigorously tested and manufactured in an ISO Certified facility under stringent process controls to ensure that each product meets exactly quality standards and performs to specification. Our products are lot controlled and validated through independent lab testing.

CHARACTERISTICS:

- Made of Non-woven spunbonded polypropylene 48grams/m² white
- Snap collar
- Raglan sleeves
- Velcro closure
- Elastic cuffs
- No pockets
- Colour white



VWR Cat.number	Size	A	B	C	D	D'	E	G	K	Color
113-1988	S	102,87	85,09	55,25	7,62	12,70	17,78	3,81	43,18	white
113-1989	M	107,95	87,63	57,79	7,62	12,70	17,78	3,81	52,07	white
113-1990	L	110,49	90,17	59,69	7,62	13,97	17,78	3,81	55,88	white
113-1991	XL	116,84	92,71	62,87	7,62	13,97	19,05	3,81	57,15	white
113-1992	XXL	120,65	95,25	67,31	8,89	13,97	19,05	3,81	59,69	white

Remark: C: final stretch knit wrist length

PRODUCT SPECIFICATIONS

MATERIAL PROPERTIES

		Result	Test Standard
PHYSICAL PROPERTIES	Particle Shedding (Helmke Drum)	Level II	TEST-RP-CC003.3
	Weight (g/m ²)	48.82	ASTM D3776
	Ball Bursting Strength (Avg. lbs./in.)	21.1	ASTM D6797
	Tensile Strength (Avg. lbs./in.)		
	Warp	25.9	ASTM D5034
	Filling	23.1	
	Tearing Strength (Avg. lbs./in.)		
	Lengthwise Yarns	4.2	ASTM D2261
	Widthwise Yarns	4.0	
BARRIER PROPERTIES	Bacterial Filtration Efficiency *	55%	ASTM F2101
	Water Resistance	21.7	AATCC Method 42
COMFORT PROPERTIES	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: 2928 CFU.

†Procedure B, Water Method, 73.4°F 50% Rh; Air Gap: ¼".

PRODUCT SPECIFICATIONS

MATERIAL SPECIFICATION

Item		Test method	average value standard	
			average value	tolerance for average value
weight(g/m ²)		GB/T4669-1995	48.00	+/-2
Break Tensile properties(N)	MD	ASTM D5034	>90	
	CD	ASTM D5034	>80	
Elongation rate(%)	MD	ASTM D5034	>50	
	CD	ASTM D5034	>50	

QUALITY ASSURANCE CRITERIA:

AQL 1,5 per General Inspection Plan level II, single sampling (ANSI/ASQC Z1.4-1993)

- A. Extraneous material
- B. Dirty products
- C. Thread ends loose or too long
- D. Holes or tears
- E. Foul odor
- F. Off colour
- G. Uneven material thickness
- H. Hard lump
- I. Fibre spinning-hook off
- J. Wrong collar tag
- K. Physical dimension Non-compliance
- L. Sticks is not correct
- M. Cloth surface applied wrongly

QUALITY ASSURANCE CRITERIA FOR MAJOR DEFECTS:

AQL 2.5 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)

- A. Sewing sundries
- B. Elastic band end exposed
- C. Sewing end falling-off
- D. Jumping stitch
- E. Missing stitch
- F. Less than 8 stitches per inch
- G. Unwanted folds
- H. Elastic tightness non-consistent