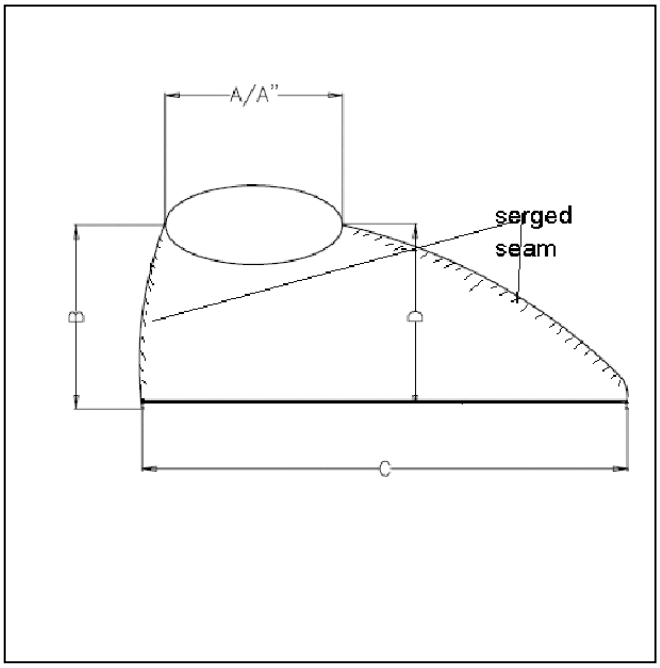
VWR® MAXIMUM Apparel for Critical Environments

PRODUCT SPECIFICATIONS

VWR® MAXIMUM Fluid-Impervious Butterfly-Style Shoe Covers

VWR Maximum Fluid-Impervious Butterfly-Style Shoe Covers are the cleanest and most durable within the entire VWR line of apparel. Made with a comfortable spunbonded polypropylene (SPP) formulation, these 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.



CHARACTERISTICS:

- Made of Non-woven spunbonded laminated polypropylene 60grams/m² (PP42,5+PE17,56g)
- Non-skid
- Fluid-impervious, sealed seams to repel water
- Colours white and blue
- 75 pair/case

VWR Cat.number	Size	A	A'	B	C	D	color
113-1366	U	11,43	26,67	16,51	39,37	16,51	blue
113-1367	XL	12,7	27,94	17,78	43,18	17,78	blue
113-1368	2XL	13,97	33,02	18,42	48,26	18,42	blue
113-1379	U	11,43	26,67	16,51	39,37	16,51	white
113-1380	XL	12,7	27,94	17,78	43,18	17,78	white
113-1381	2XL	13,97	33,02	18,42	48,26	18,42	white

Remark: A':final stretch elastic wrist length

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MATERIAL PROPERTIES

		Result	Test Standard
PHYSICAL PROPERTIES	Particle Shedding (Helmke Drum)	Level I	IEST-RP-CC003.3
	Weight (g/m2)	60.75	ASTM D3776
	Wyzenbeek Abrasion Mass Loss	1.55%	200 Rubs Using Zero Grade Emery Paper
	Mullen Bursting Stength (PSI)	26.0	ASTM D3786
	Tensile Strength (Avg. Lbs/in.)		
	Warp	38.6	ASTM D5034
	Filling	31.0	
	Trapezoid Tearing Strength (lbs./in.)		
	Lengthwise Yarns	15.5	ASTM D4533
	Widthwise Yarns	24.5	
BARRIER PROPERTIES	Bacterial Filtration Efficiency (28.3L/min, 1CFM)	99.9%	ASTM F2101
	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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MATERIAL SPECIFICATION

Item		Test method	average value standard	
			average value	tolerance for average value
Weight(g/m²)		GB/T4669-1995	60.00	+/-2
Thickness(mm)		ASTM D1777	0.32	+/- 0.02
Break Tensile propertities(N)	MD	ASTM D5034	>85	
	CD	ASTM D5034	>90	
Elongation rate(%)	MD	ASTM D5034	>40	
	CD	ASTM D5034	>40	
Trapezoid tearing strenth(N)	MD	FZ/T01085-1999	>600	
	CD	FZ/T01085-1999	>600	
Ball Burst strenth(N)		ASTM D3787	>130	
Durability(circle) Average		ASTM D4966	>40000	
Durability(circle) Min.		ASTM D4966	>20000	

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. **Stickes 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 stiches per inch**
G. **Unwanted folds**
H. **Elastic tightness non-consistent**