Product Specifications Sheet

VWR MAX PROT HOOD WITH FACEMASK STERILE
113-8807

Intended use

Sterile cleanroom production or research

General Specification

Item	Test method	Standard
Material	-	60g SMS for hood 28PP+25MB+25PP for mask
Color	-	White
BFE (Bacterial Filtraction Efficiency)	ASTM F2101-2014	99.9%
Delta P	MIL-M-36954C	<4.3mmH_2O/cm^2
PFE (Particle Filtraction Efficiency)	ASTM F2299-2003	90.26%
Resistance	ASTM F2299-2003	49.3 Pa
Particle Shedding	IEST-RP-CC003.3 (≥0.5um)	572 Level I
Sterilization	ISO11137	$SAL10^{-6}$

Material Specifications

1. 60 g/m² SMS

Item		Test method	Standard	
			Before Sterile	After Sterile
Weight(g/㎡)		GB/T4669-1995	60.00+/-2	
Thickness(mm)		ASTM D1777	0.25+/- 0.02	
Break Tensile Proprieties(N)	MD	ISO9073-3	＞85	＞60
	CD	ISO9073-3	＞50	＞35
Elongation Rate (%)	MD	ISO9073-3	＞35	＞30
	CD	ISO9073-3	＞40	＞30
Tear prosperities	MD	ISO9073-4	＞35	＞30
	CD	ISO9073-4	＞30	＞30
Hydrostatic press test	mmH_2O	AATCC127	＞450	
Surface Resistance	Ω	GB/T 4744-1997	$<5*10^{10}$	
Air permeability test	mm/s	ISO9237	>200	

2. 20 g/m² PP Blue (Spunbonded Polypropylene)

Item	Test method	average value standard	
		average value	tolerance for average value

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Weight(g/m2)		GB/T4669-1995	28.00	+/-2
Break Tensile propertities(N)	MD	ISO9037-3	>20	
	CD	ISO9037-3	>14	
Elongation rate(%)	MD	ISO9037-3	>30	
	CD	ISO9037-3	>30	

2. 25 g/m² MB (Melt Blown Polypropylene)

Item		Test method	average value standard	
			average value	tolerance for average value
Weight(g/m2)		GB/T4669-1995	25.00	+/-2
Break Tensile propertities(N)	MD	ISO9037-3	>10	
	CD	ISO9037-3	>6.5	
Elongation rate(%)	MD	ISO9037-3	>30	
	CD	ISO9037-3	>25	

3. 20 g/m² TA (Through Air Nonwoven)

Item	Test method	average value standard	
		average value	tolerance for average value
Weight(g/m2)	GB/T4669-1995	20.00	+/-2
Break Tensile propertities(N)	GB/T3923.1-1997	>14	

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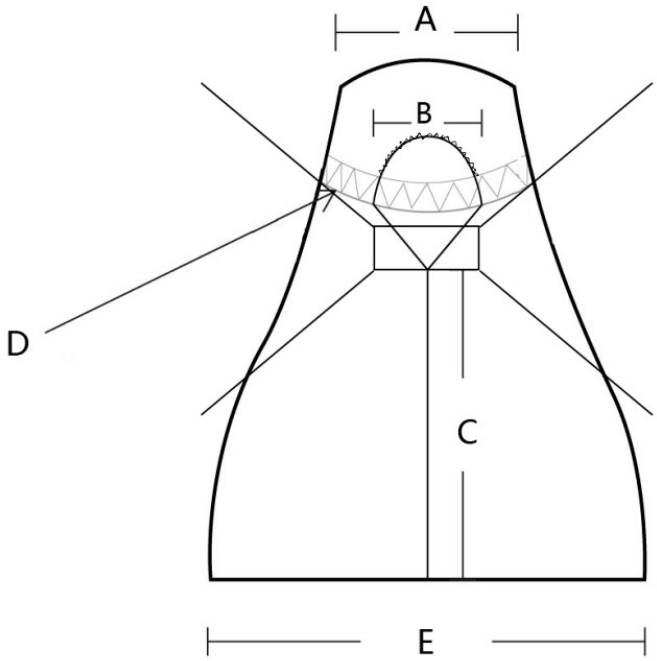
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Dimension Specification

- Hood



Item	A	B	C	D	E
Spec (mm)	180	120	250	450	660
Tolerance (mm)	±10	±10	±10	±10	±10

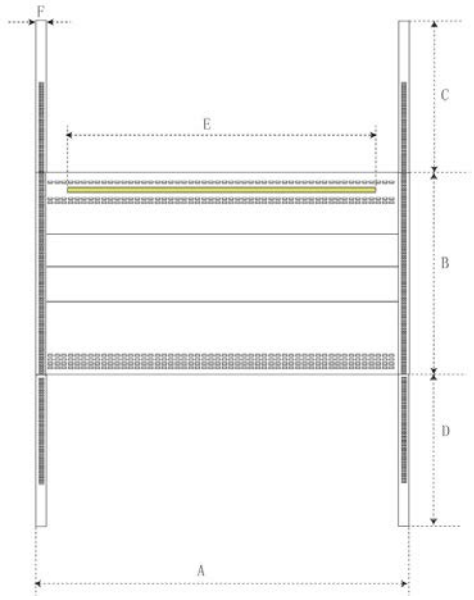
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- Mask



Item	A	B	C	D	E
Spec (mm)	175	95	400	400	120
Tolerance (mm)	±3	±3	±10	±10	±10

Packaging Specification

Package/Quantity	1 pcs/bag, 125 bags/liner bag/case
Best storage Conditions	10° - 30°C
	40% - 75% humidity
	dry
Shell Life	5 years
Country of Origin	China

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