Product Specifications Sheet

113-6221 VWR Collection Non Sterile Cleanroom Mask with Ties

Intended use

Non sterile cleanroom production or research

General Sepcification

Item	Test method	Standard
Material	-	28PP+23MB+21TB
Color	-	White
BFE (Bacterial Filtraction Efficiency)	ASTM F2101	98.48%
Delta P	MIL-M-36954C	< 3.5
PFE(Particle Filtraction Efficiency)	ASTM F2299	>99%
Particle Shedding	IEST-RP-CC003.3 (≥0.5 μ m/cu. ft.)	Level I 196 count/ft^3
Earloop breakage test	-	14N for 20seconds

Material Specifications

1. 21 g/m^2 TB (Thermally Bonded Polypropylene)

Item		Test method	average value standard	
			average value	tolerance for average value
Weight(g/m2)		GB/T4669-1995	21.00	+/-2
Thickness(mm)		ASTM D1777	/	+/- 0.02
Break Tensile propertities(N)	MD	GB/T3923.1-1997	>60N/5cm	
	CD	GB/T3923.1-1997	>20N/5cm	
Elongation rate(%)	MD	GB/T3923.1-1997	>30%	
	CD	GB/T3923.1-1997	>30%	

2. 23 g/m^2 MB (Melt Blown Polypropylene)

Item		Test method	average value standard	
			average value	tolerance for average value
Weight(g/m2)		GB/T4669-1995	23.00	+/-2
Thickness(mm)		ASTM D1777	0.21	+/- 0.02
Break Tensile propertities(N)	MD	GB/T3923.1-1997	>9.5	
	CD	GB/T3923.1-1997	>6.0	
Elongation rate(%)	MD	GB/T3923.1-1997	>10	
	CD	GB/T3923.1-1997	>10	

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3. 28 g/m^2 PP (Spunbonded Polypropylene)

Item		Test method	average value standard	
			average value	tolerance for average value
Weight(g/m2)		GB/T4669-1995	28.00	+/-2
Thickness(mm)		ASTM D1777	0.28	+/- 0.02
Break Tensile propertities(N)	MD	GB/T3923.1-1997	>35	
	CD	GB/T3923.1-1997	>24	
Elongation rate(%)	MD	GB/T3923.1-1997	>60	
	CD	GB/T3923.1-1997	>60	

4: The product is natural rubber latex free, glass fiber and silicon free.

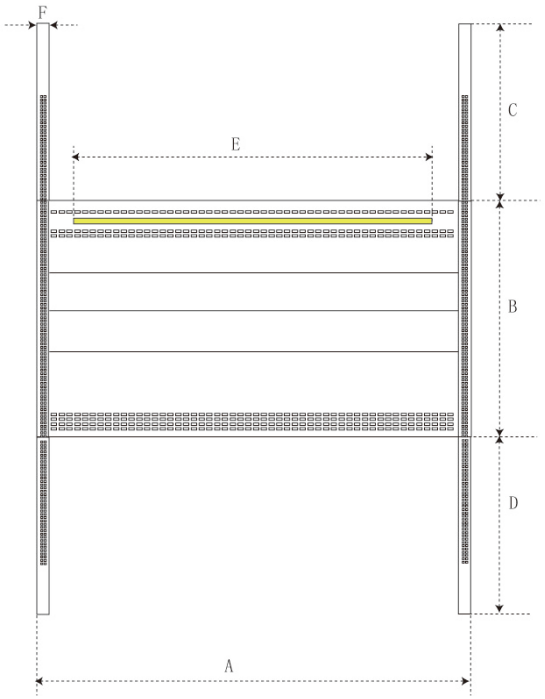
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Dimension Specification



Item	Unit	Spec.	Tolerance
A) Length	mm	175	±5
B) Width	mm	95	±5
C/D) Tie Length	mm	400	±10
E) Steel nose piece length	mm	120	±10

Packaging Specification

Package/Quantity	50pcs/PE bag, 500pcs/Case
Best storage Conditions	10° - 30°C
	40% - 75% humidity
	dry
Shell Life	3 years
Country of Origin	China

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