Product Description of Melt Blown Filter For En 14683 Medical Face Mask

Item	Meltblown Filter			
Composition	PP			
Average Cloth Weight	25 GSM		40 GSM	
Color	white, black			
Function	soft, flame retardant, waterproof, breathable, electrostatic, non-polluting, non-toxic, environmentally friendly, has high filtration performance and soft feel, and can block and filter dust, particles, bacteria and viruses standard: EN14683 type I/type II/type IIR, ASTM F2100 level 1/level 2/level 3, FFP1/FFP2, KN95, KN99, KF94, N95, N100			
Width	17.5/26 cm		25/26 cm	
Filter Factor	BFE99%		BFE 99.5%~100%	
Airflow	under 32L/min air flow PFE salt (NaCl) partical 98%+	under 85L/min air flow PFE salt (NaCl) partical 95%+	under 85L/min air flow PFE salt (NaCl) partical 99%+	under 95L/min air flow : PFE both salt (NaCl) & oil-based (DEHS) partical 95%+
Length	1000/2500 m		1300 m	
Diameter of Each Roll	43/73 cm		55 cm	
Package	3/2 rolls/carton		2 rolls/carton	
Weight	approx 15-16 kg/14-15 kg/32-35 kg		approx 26-28 kg/27-29 kg	
Carton Size	49.5x49.5x54.5/73*73*52.5 cm		49.5x49.5x54.5 cm	

U.S.A.:ASTM F2100-19 STANDARD SPECIFICATION FOR PERFORMANCE OF MATERIALS USED IN MEDICAL FACE MASKS
美国：ASTM F2100-19医疗口罩中使用的材料性能标准规范

EUROPE:EN 14683:2019 MEDICAL FACE MASKS-REQUIREMENTS AND TEST METHODS
欧洲：EN 14683：2019医疗口罩的要求和测试方法

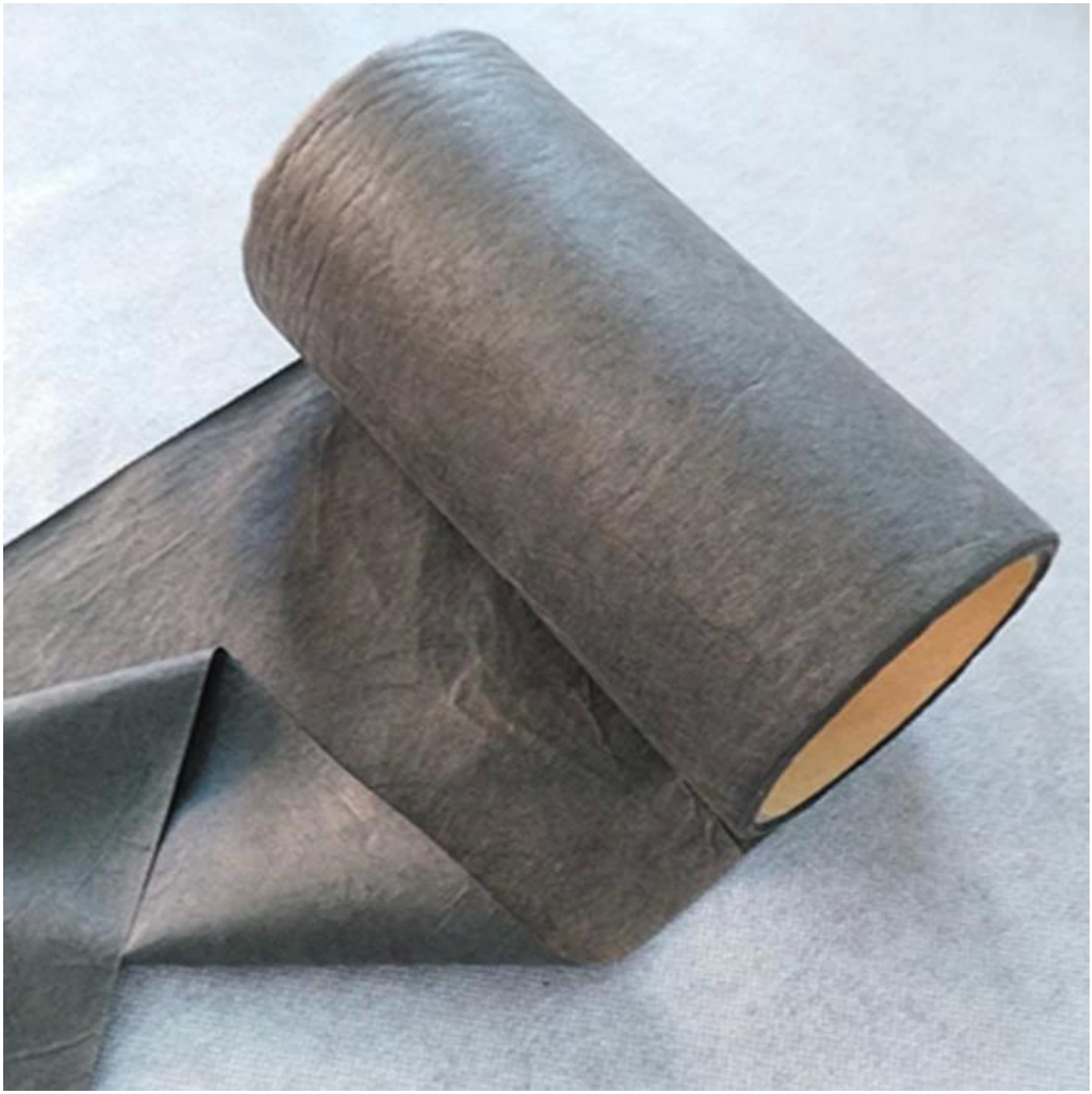
		ASTM F2100-19			EN 14683:2019 Barrler Levels		
		level 1	level 2	level 3	Type Ⅰ	Type Ⅱ	Type ⅡR
Barrier Testing	BFE% ASTM F2101, EN 14683	≥95	≥98		≥95	≥98	
	PFE% ASTM F2299	≥95	≥98		Not required		
	Synthetic Blood ASTM F1862, ISO22609	Pass at 80 mmHg	Pass at 120 mmHg	Pass at 160 mmHg	Not required		Pass at ≥ 16.0 kPa(120 mmHg)
Physical Testing	Differential Pressure EN 14683	<5.0mmH$_2$O/cm^2	< 6.0 mmH$_2$O/cm^2		<40 Pa/cm^2		<60 Pa/cm^2
Safety Testing	Flammability 16 CFR Part 1610	Class 1(≥3.5 seconds)			See European Medical Directive (2007/47/EC, MDD 93/42/EEC)		
	Microbial Cleanliness ISO 11737-1	Not required			≤30 cfu/g		
	Biocompatibility ISO 10993	510 K Guidance recommends testing to IS0 10993			Complete an evaluation according to ISO 10993		

Model	**Type**	**Weight g/m³**	**Max resistance(Pa)**	**Max penetration(%)**	**Properties**	**Flow rate(L/min)**	**Medium**	**Feather**

P Series	FFP1	40	<40	>80	Oil and Non-oil Particals	95L	DOP	FFP1 mask
	FFP2/KF94	50	<160	>94		95L	DOP	FFP2/KF94 mask
	FFP3	80	<190	>97		95L	DOP	FFP3 mask
KN Series	KN90	40	<80	>90	Non-oil Particles	85L	NaCl	KN90
	KN95/N95	50	<100	>95			NaCl	KN95□N95
	KN100	80	<175	>99.97			NaCl	KN99□N100

Product Show of Melt Blown Filter For En 14683 Medical Face Mask

Meltblown Layer Company



Meltblown Non Woven On Sales

Product Packaging and Shipping of Melt Blown Filter For En 14683 Medical Face Mask

Our Company

FOSHAN GUIDE TEXTILE CO., LTD., which is located in Foshan city. We are engaging in manufacture and sales of non woven fabric and non woven related products, since 2005. Up to now,
we have professional elite sales team, several advanced non woven production lines with width of
1.6M, 1.9M, 2.1M, 2.4M, 2.5M, 3.2M, 3.7M, 4.8M, etc. Our products are well sold both in domestic
and overseas markets, widely used in areas of agriculture and gardening, medical and

hygiene,
personal care and beauty, industry application, packaging and wrapping, foundation and building,
hotel and restaurant, labour protection and household, decoration, etc. Hot-sale products are pp
(polypropylene) non woven fabric, pet (polyester) non woven fabric, sms non woven fabric, elastic
non woven fabric, flower wrapping material, disposable underwear, disposable bed sheet, weed
control fabric, disposable table cloth, fruit protection bag.

We have strict quality management system, and equipped with professional non woven test. Our
products meet various of standards and own various of certificates and reports, such as SGS, MSDS, BUREAU VERITAS, CE, Nemko, TUV Rheinland, ATC, CTI, etc. We can design and produce according to customer's requirements and specifications, depending on the advanced
technology and excellent management. Relying on many clients' trust, we are also offering cousultant and agency services on non woven products. With the business principle of "Quality First,
Reputation Builds Future", we keep on diligently and excelsior working, to improve marketing competitive abilities, and finally accomplish company goal.

Certificate of Meltblown Filter

检 测 报 告(Testing Report)	防伪查询网址(Security website)：www.fcl-sz.org.cn 防伪码(Security code)：7815080747
报告编号(Report No)：ZFLJ2642756	Page 1 of 3

Applicant Information (客户信息)

Applicant Name(委托单位) : FOSHAN GUIDE TEXTILE CO., LTD(佛山凯缎纺织品有限公司)
Applicant Address(委托单位地址) :Yonghao Industrial Park, Yongqing RD., Yanbu, Dali Town, Nanhai Dist., Foshan, G.D.528247, CHINA(佛山市南海区大沥镇盐步永青路永好产业园)

Sample Information (样品信息)

Sample Description(样品描述) : meltblown non woven fabric 25gsm(熔喷无纺布 25 克)
Style No.(款号) : SSKX-25
Specification(规格) : 260mm
Sample Quantity(样品数量) : 1roll (1 卷)
Colour(颜色) : white(白色)
Model(型号) : SSKX

- Sample Receiving date (收到样品的日期) : 2020-08-15
- Report date (报告日期) : 2020-08-21
- The original sample is sticked on the last paper. (送检样品原样粘贴在本报告的末页)

Test Performed (检验标准)

Judgement according to(评定依据):
ASTM F2100-2019e1 Standard Specification for Performance of Materials Used in Medical Face Masks Level 2
医用口罩用材料性能的技术规范 2 级
- Selected test(s) as requested by applicants. (本实验室根据客户要求完成以下检测内容)

Pronounce (声明)

The results shown in this report refer only to sample(s) tested unless otherwise stated.All the items are performed in the standard conditions, except the noted cases.(除非特别说明，测试结果只对来样负责。所有测试项目均在标准规定的环境下进行，有注明除外。)
Except for the requirement of the client, the test results and the conformity judgement of this report do not take the uncertainty of the test results into account.(除非客户要求，本报告检测结果及符合性判定不考虑测量结果的不确定度。)

Signed for and on behalf of
CNTAC Testing Service Co.,Ltd.(Foshan)

Approved by
(批准)

张志荣 (Except for microbiological project 微生物项目除外)

罗桂雄 (Microbiological project 微生物项目)

佛山中纺联检验技术服务有限公司 检验检测专用章 (02)

检 测 报 告(Testing Report)	防伪查询网址(Security website)：www.fcl-sz.org.cn 防伪码(Security code)：7815080747
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--- Test Result (测试结果) ---

	Test Result(测试结果)	Requirements(评定条件)	Judgement(判定)
1. Sub-Micron Particulate Filtration Efficiency (PFE) at 0.1 micron (0.1 微米的颗粒过滤效率)			
ASTM F2299/F2299M-03(R 2017)			
Aerosol: PSL, Test area: 100cm^2, Airflow: 32L/min, Sampling time: 1min, Thickness: 2.3μm, Basis Weight: 25.0g/m^2（气溶胶类型：PSL，测试面积：100cm^2，测试流量：32L/min，采样时间：1min，厚度：2.3μm，单位面积质量: 25.0g/m^2）			
Unit(单位): <%>			
sample 1#(样品 1)	98.8	≥ 98	Pass(合格)
sample 2#(样品 2)	99.0		
sample 3#(样品 3)	98.6		
sample 4#(样品 4)	98.1		
sample 5#(样品 5)	98.1		
Minimum(最小值)	98.1		
2. Bacterial Filtration Efficiency(细菌过滤效率) *ASTM F 2101-19*			
Flow rate: 28.3L/min, Test area: 77cm2, Test bacteria culture: Staphylococcus aureus ATCC 6538, Particle Diameter: 3.0μm, Inside of the test mask was facing towards the challenge aerosol, The average plate count results of the positive controls: 2.6×103CFU, The average plate count results of the negative controls: <1CFU(气体流速：28.3L/min，测试面积：77cm2,试验菌种：金黄色葡萄球菌 ATCC 6538，平均颗粒直径：3.0μm，口罩内侧面朝向气溶胶室，阳性质控值：2.6×103CFU，阴性质控值：<1CFU)			
Unit(单位): <%>			
sample 1#(样品 1)	99.9	≥ 98	Pass(合格)
sample 2#(样品 2)	99.9		
sample 3#(样品 3)	99.9		
sample 4#(样品 4)	99.9		
sample 5#(样品 5)	99.9		

检 测 报 告(Testing Report)	防伪查询网址(Security website)：www.fcl-sz.org.cn 防伪码(Security code)：7815080747
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Original (送检样品原样)

======= End of Report (检测报告结束) ======

FAQ of Melt Blown Filter For En 14683 Medical Face Mask

Question	Answer
Q1: Do you have it in stock ?	A1: Yes,we have.
Q2: What is your MOQ ?	A2: Customized:1ton
Q3: How can I get the sample ?	A3: If you need sample to test, we can make it as per your request. But we need to charge sample fees. If it is our regular product in stock, you just pay freight cost and sample is free.
Q4: What is your package detail ?	A4: individually packed for each pcs,or customer's requirements
Q5: What should I do if I cannot find what I looking for on your website ?	A5: Please feel free to contact us by email and send detailed information for the product you look for.We will check whether it is available.
Q6: What about lead time for mass production ?	A6: Honestly, it depends on the order quantity and the season you place order. Generally speaking,the lead time is about 2-4 weeks. So we suggest that you start inquiry as earlier as possible.
Q7: Is it all right to make customer’s own brand name ?	A7: Sure. We warmly welcome the OEM clients. We can discuss the package, design, etc.
Q8: When can I get the price ?	A8: Usually we quote within 24 hours after we get your inquiry detail. If you are very urgent to get the price, please call us or tell us in your email so that we will quote your the price as soon as possible.