

2020 Korea Customer Satisfaction Brand Grand Prize

No.1 in Korean quality satisfaction! No.1 in the customer preference brand index! No. 1

customer satisfaction index!

EVIT Global Introduction

Patent application No. 10-2020-0097325 | Design registration application No. 30-2020-0036530

Evit Global Co.,LTD.

www.Distribution3M.com

Awarded the Chairman's Prize of the Small and Medium Venture Business Committee by the National Assembly Industry and Trade Agency.

National representative brand evaluation certificate certification number CBEI A20-022

World's First ePTFE MASK



Classification	EVIT Mask	3M	General MB Filter	Dental Mask	
Classification		N95 Mask	Mask		
Filter	ePTFE filter	Multi-layer electrostatic MB filter	MB filter (e.g. KF9 4)	SB filter	
Filtration efficiency	99.9%	95%	94%	50-80%	
Breathability	Excellent	Inconvenient	Inconvenient	Excellent	
Ultrafine dust protection	Excellent	Excellent	Lacking	Lacking	
(pm2.5 standard)					
Dust/Pot protection	Excellent	Excellent	Normal	Lacking	
Oil, alcohol protection	Excellent	Lacking	Lacking	Lacking	
Microbiological protection	Excellent	Excellent	Normal	Lacking	

nano fiber Virus pm2.5 hair pollen						
Nano PTFE Membrane	Melt Blown Fabric					
Dia 100-200 nm	Dia 3-100 um					
Low Pressure Drop	High Pressure Drop					
Temp:≤250°C	Temp:≤150°C					
Physical	Electret					
Reusable	Disposable					
20 Days	4 Hours					
Washable	No					
20-50 GSM	25-50 GSM					
BFE 95%-99.9%	BFE 90%-99%					

I. EVIT MASK INTRODUCTION





As a dental mask base, the limitations of export restrictions are avoided, Using ePTFE as a filter, the quality (KF99.9 level) is raised to the limit, As a way to increase breathability but avoid the shortcomings

"New Evit Global product launched"

Evit Mask







World's first patent Antimicrobial level Highest level of application for mask for HEPA filter medical use breathability when worn





EVIT Standard

- 3D: KF94 mask type 3D three-dimensional design
- ePTFE: Filtration efficiency available for KF94 certification (blocks more than 94% of 0.3μm particles)
- 3SPP: Polyolefin(92%) + 8% ePTFE membrane





Characteristics of ePTFE membrane for mask

- 1. Materials, manufacturing facilities, and production methods are completely different from the nanoweb membrane
- 2. No fear of VOC generation because no radioactive solvent is used
- 3. Small pore size blocks 94~99% of bacteria (0.3µm) invasion
- 4. There is no decrease in filtration efficiency due to moisture generated during alcohol washing or breathing. Due to the surface filtration method, it is difficult to inhabit bacteria, so there are few side effects due to odor, and washing is possible.
- 5. Strong chemical resistance, so there is no deterioration or damage caused by alcohol or chemicals.
- 6. There is no deterioration of the product or loss of efficiency even when used for a long time
- 7. One of the few substances approved for insertion into the human body (PTFE is a US FDA approved substance)
- 8. There is no water leakage phenomenon and it dries easily even when wet, so there is no tightness due to moisture.

Major Advantages of Evit Masks



Breathability



Can use for 1 week



Approved by FDA



Hydrophobic

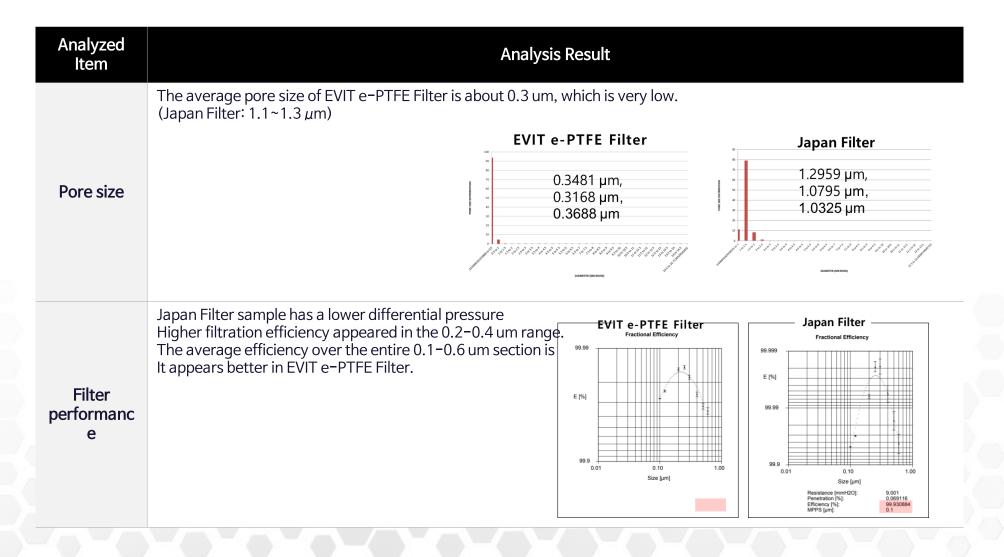


EVIT e-PTFE Filter & Japan Filter Media Comparative Analysis

Analyzed Item	Analysis Result						
	The weight of Japan Filter is 63.2g/m2, which is lower than 67g/m2 of EVIT e-PTFE Filter. The C.V. value of the Japan Filter sample is 5.8%, which is considered relatively more uniform.						
Weight	EVIT e-PTFE Filter: 67g/m² ± 4.4 (C.V:6.5%) MD Japan Filter: 63.2g/m² ± 3.7 (C.V:5.8%) MD 65 65 67 65 Japan Filter: 63.2g/m² ± 3.7 (C.V:5.8%) MD 64.5 68.0 63.9 58.8						
	Japan Filter's air permeability is 7.2ccs, which is 1ccs higher than EVIT e-PTFE Filter. In the uniformity, the sample of EVIT e-PTFE Filter is judged to be more uniform.						
Breathability	EVIT e-PTFE Filter: 6.2 cc/cm²/sec ± 0.3 (C.V: 4.8%) MD 5.77 6.38 6.04 5.82 6.06 6.05 6.05 6.05 6.05 6.06 6.07 Japan Filter: 7.2 cc/cm²/sec ± 0.5 (C.V: 6.5%) 6.66 7.10 7.48 6.43 7.14 7.60 6.84 7.26 7.88						



EVIT e-PTFE Filter & Japan Filter Media Comparative Analysis





EVIT e-PTFE Filter & Japan Filter Media Comparative Analysis

Analyzed Item	Analysis Result									
Stiffness	It is larger in MD direction than in CD direction. Relatively superior strength was shown in the Japan Filter sample.		EVIT e-PTFE Filter Japan Filter <sample :="" length<="" size="" th=""><th>599.4 603</th><th colspan="5">277.6 566.1 488.4 865.8 1043.4 1110.0 444±149 (C.V.: 33%) 1006±126 (C.V.: 12%)</th></sample>	599.4 603	277.6 566.1 488.4 865.8 1043.4 1110.0 444±149 (C.V.: 33%) 1006±126 (C.V.: 12%)					
SEM	A relatively larger pore structure and a thin PTFE layer were identified in the Japan Filter sample.	x 100	pan Filter x 500			000		\$ <mark>000</mark>		