

FFP1,FFP2,FFP3 Meltblown

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The Overview of FFP1,FFP2,FFP3 Meltblown

FFP1,FFP2,FFP3. Melt blown non woven fabrics are mainly used for manufacturing industrial dust-proof face masks, cup shape face masks, and other protective face masks. Commonly used weights are 30g/sm to 75g/sm, two or three layers combined; It can effectively adsorb dust particles, with large dust capacity, good permeability, low resistance, high filtration efficiency and other characteristics.

Mainly used in outdoor work, painting, construction, agriculture, animal husbandry, food processing, sanitation workers, cement factories, textile factories, cutting dust, heavy metal hazardous pollutants workplace. It can effectively separate and absorb very fine harmful industrial dust, prevent silicosis and reduce the harm of industrial dust to human organs. To prevent or reduce dust from entering the respiratory organs of the human body so as to protect life and safety.

The Specification of FFP1 FFP2.FFP3. Meltblown

Weight: 30g/sm-150g/sm	Width: 1.6m,Seven Sets Machines	Machine Type: Imported
Colors: White	Length: By Request	Packing: PE bag+Wrap Film
Material: 100%Virgin PP	Width Tolerance: ± 3 mm	Weight Tolerance: ± 1.0 g/sm
Loading Port: Shanghai, Qingdao	20GP/40HQ Q'ty:4 Tons/10.5Tons	Brand Name: SENCI
Certificate: SGS, MSDS, RoHs	MOQ: White 1 Ton for Trial Order	Supply Ability: 500 T/Month
Application: Dust Proof Face Masks, labor Protective Face Masks	Type of Test Standard: EN149-2001	Test Standard: EU Standard
Aerosol: Paraffin Oil	Text Machine: TSI 8130	Test Flow Rate: 60 LPM Oil
Resistance(mmH2O)	It will be different according to g/sm and request.	

Product Features

Fuyang Sensisupplies filter material for face masks and respirators, the main applications are for surgical use and labor-protective use. Our meltblown for surgical face masks meet EN14683, BFE 99% above, too. The meltblown material for dust proof respirators meets European EN 149:2001 and American NIOSH42 CFR-84 They can be used to manufacture face mask or respirators for the grades as European standard FFP1, FFP2, FFP3, and the US Standard N95, N99, N100, R95, R99. and Korea Standard KF80, KF94, KF99 different face masks used for medical and surgical industrial or labor protective, dust proof application.

Our meltblown has the special characteristics of high efficiency, light weight, low resistance, long-lasting bacteria filtration, and high penetration resistance.

These kinds of meltblown are all eco-friendly, breathable, anti-tear, waterproof, anti-bacterial, anti-pull, mothproof. These medical mask filter material can satisfy standard EN14683:2003, ASTM F2100-2004, EN14683:2014, and will be tested by TSI 8130.

We have been exported to Russia, Taiwan, Thailand, Malaysia, Indonesia, Vietnam, Canada, Pakistan, Singapore, Portugal, Spain, Brazil, etc. The products can be produced according to the customer specified index.

Product Application

Labor protective face masks, dust proof face masks.

FFP1,FFP2,FFP3

Our this meltblown can meet EN 149-2001 standard and can be produced

according to the customer specified index. We can produce by clients' requirements of resistance data and provide different penetration of meltblown fabric.

Product Types

We can provide different standard meltblown used for different products, especially the 30g/sm-150g/sm FFP2 meltblown are widely used to produce dust proof respirator and labor protection face masks, with the special feature of light weight, low resistance, low air resistance, large dust capacity, and high penetration rate that sell very well and are popular in Korea and Japan.

FFP1	25g/sm-30g/sm Breath Resistance<4.5mm H2O	Filtration Efficiency:80%
FFP2	30g/sm-40g/sm Breath Resistance<6.5mm H2O	Filtration Efficiency:94%
FFP3	50g/sm-60g/sm Breath Resistance<9.0mm H2O	Filtration Efficiency:99%
60 LPM, Paraffin Oil, EN149-2001		

Process Description

Meltblown is produced in a process where polypropylene granules are melted and molten polymer is extruded through spinnerets. The continuous filaments are cooled and deposited on to a conveyor belt to form a uniform web. The calendering uses heat and high pressure applied through rollers to weld the fiber webs together at speed. This results in a soft, uniform meltblown material.



1. Infunde the grainy type polypropylene into the pond



2. Polypropylene is conveyed to the inside of the machine body and melt



3. The melt pp will be delivered to the spinning pump and spin, fine draw, the melt pp changes into superfine fiber. The tempera

ture of the superfine fiber is cooled by the side cold air and it will be further stretched during cooling

