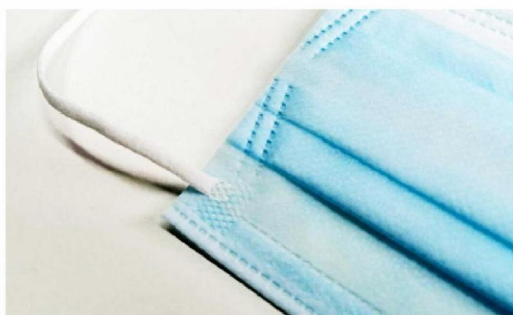


**DISPOSABLE MASK:**

The core material of the mask is a **PTFE Nano film**, and the diameter of the film fiber is between 100 and 200 nanometers.

The PTFE has the following three characteristics:

**Higher blocking efficiency.** The main reason is that the fiber diameter of the material used is smaller than that of traditional materials (the fiber diameter of non-woven materials used in traditional masks is more than 1000 nanometers), which can more effectively block PM2.5 in the air (aerodynamic equivalent diameter is 2500 nanometers or less Particulate matter), and effectively reduce the concentration of bacteria and viruses in the air;



**Longer life.** The reason is that it uses physical principles to isolate air pollutants and is more durable. (The non-woven fabric used in traditional masks has a large fiber diameter and needs to rely on electrostatic adsorption of particulate matter. Static electricity is affected by temperature and humidity in the environment in a short time. Invalid, so it can only be used once);

**Breathe more easily and freely when worn.** The wearing comfort of the mask is mainly determined by the breathability and moisture permeability of the mask. The film mask has a higher air permeability due to its material characteristics of a high uniform hole distribution rate; coupled with the moisture-proof and moisture-permeable characteristics of the film material, it can bring users a more comfortable breathing experience.

**PARAMETER:**

|                 | Dispose Medical mask                         | Surgical mask  |
|-----------------|--|--|
| Application     | Medical and health institutions, households, | Medical institution Operating room, general ward, etc. |
| Material:       | Non-woven +PTFE Nanofiber membrane           |  |
| Condition       | Sterile or Non-sterile                       |  |
| Size:           | 17.5*9.5cm                                   |  |
| Material weight | 23gsm  | 25gsm  |
| Penetrability   | No request                                   | 120mmHg 2ml  |
| Package         | 10pc in one bag,100 bags in one Paper box    |  |
| Filter          | BFE≥99%, PFE≥95%                             |  |
| Box size        | 510*510*290mm (1000pc)                       |  |
| Weight          | 4.5kg  |  |
| Color           | Blue/ White                                  |  |
| Country         | China  |  |
| Expiry date     | 2 year                                       |  |
| Certification   | CE FDA                                       |  |

**COMPARED WITH MELT BLOWN MASKS:**

1. The filtration efficiency of PTFE for air bacteria and PM2.5 particles can reach more than 95%, which meets the filtration standards of KN95 masks.
2. PTFE membrane is naturally hydrophobic. The filtering mechanism is physical mechanical retention (pore size interception method), which will not reduce the retention rate due to exhaled moisture, which is more stable and durable than the electrostatic adsorption protection of ordinary melt blown masks.

