ZN6005 Professional Protective Mask

1 Product structure composition , model, material and specifications

1.1 Product structure composition

ZN6005 professional protective mask (hereinafter referred to as mask) is mainly composed of mask part, nose clip and mask belt. See below figure 1 for product structure.

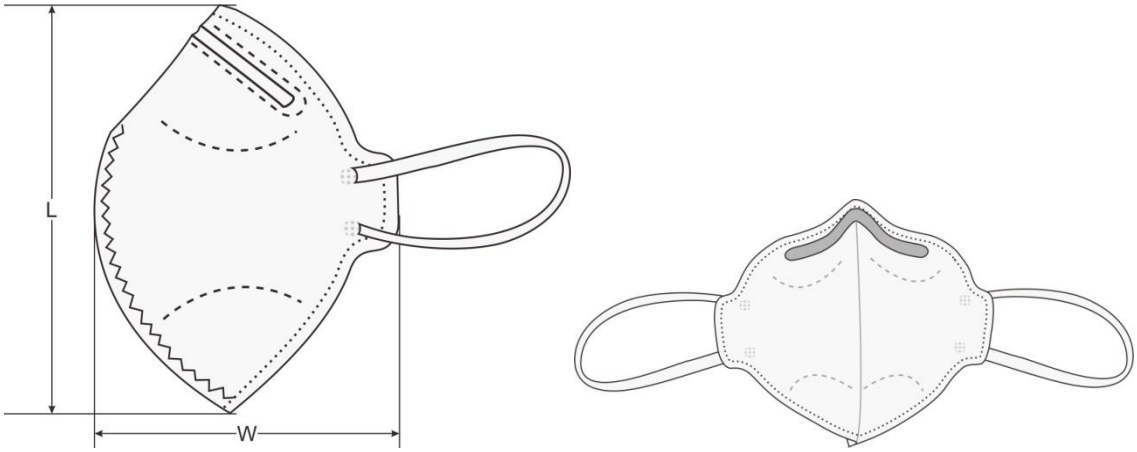

Figure 1 Structure of hanging ear mask

1.2 Model

Hanging ear Mask, Middle Size.

1.3 Material

The mask part is composed of four layers of non-woven fabrics, which are white non woven fabric, KN95 melt blown non woven fabric, KN95 melt blown non woven fabric, and white non woven fabric in order from inside to outside. The nose clip is made of malleable material, and the ear Mask belt made of polypropylene fiber wrapped rubber yarn (polyester plus spandex)

1.4 Structure and Size

After wearing the mask, it should be able to cover the wearer's mouth, nose and jaw; each size should meet the requirements of Table 1.

Table 1 Size

Item	Size	Tolerance
Mask Length	157mm	5%
Mask width (measured from the center position after deployment)	116mm	5%

1.5 Specifications

Tabel 2 shows the detailed specifications of the Mask

Table 2

Appearance and Structure	The appearance of the mask should be neat and intact, and there should be no damage or stain on the surface. After wearing the mask, it should be able to cover the nose, mouth and jaw of the wearer		Pass	
Mass per unit area	⩾120g/㎡		Pass	
Nose clip	Made of malleable material		Pass	
	length⩾6.5cm		Pass	
Mask Belt	Mask Belt should be easy to wear		Pass	
	The breaking strength of the connection point between the mask belt and the mask body should be not less than 10N		Pass	
NaC1 Particulate matter filtration efficiency	filtration efficiency (%): ⩾95.0 (KN95) (GB2626-2006)		filtration efficiency(%): 1# 99.210 2# 98.520 3# 98.350 4# 98.670	Pass
Respiratory resistance	Expiratory resistance	⩽250Pa (GB2626-2006)	1# 146.7 2# 138.3 3# 142.6	Pass
	Inhalation resistance	⩽350Pa (GB2626-2006)	1# 101.8 2# 99.1 3# 98.3	Pass