

KINGFA



成为业界倍受推崇的、全球最优秀的新材料企业

Introduction of Kingfa Mask

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Standard Classification

The Classification of Particulate Respirators under Chinese GB2626-2006 Standard

Classification	Filtration Efficiency $\geq 90\%$	Filtration Efficiency $\geq 95\%$	Filtration Efficiency $\geq 99.97\%$
KN Respirators	KN90	KN95	KN100
KP Respirators	KP90	KP95	KP100

- KN Respirators: Suitable for filtering non-oily particles;
- KP Respirators: Suitable for filtering oily and non-oily particles;
- Non-oily particles : Solid and non-oily liquid particles and microorganisms, such as coal dust, cement dust, acid fog, paint fog, etc.
- Oily particles : Soot, oil mist, asphalt smoke, coke smoke, diesel engine exhaust particles, etc.

Standard Classification

The Classification of Particulate Respirators under European EN Standard

Classification	FFP1	FFP2	FFP3
Filtration Efficiency	$\geq 80\%$	$\geq 94\%$	$\geq 99\%$

- Suitable for filtering oily and non-oily particles

Standard Classification

The Classification of Particulate Respirators under American NIOSH Standard

Classification	Filtration Efficiency $\geq 90\%$	Filtration Efficiency $\geq 95\%$	Filtration Efficiency $\geq 99.97\%$
N Respirators	N90	N95	N100
R Respirators	R90	R95	R100
P Respirators	P90	P95	P100

- N: Non-oil, suitable for filtering non-oily particles ;
- R: Oil Resistance, suitable for filtering oily and non-oily particles, but the limited use time for oily particles shall not exceed 8 hours of working shift;
- P: Oil Protective, suitable for filtering oily and non-oily particles; please refer to the manufacturer's advice for the use time of oily particles.

Standard Classification

■The Corresponding Standard of National Medical Mask:

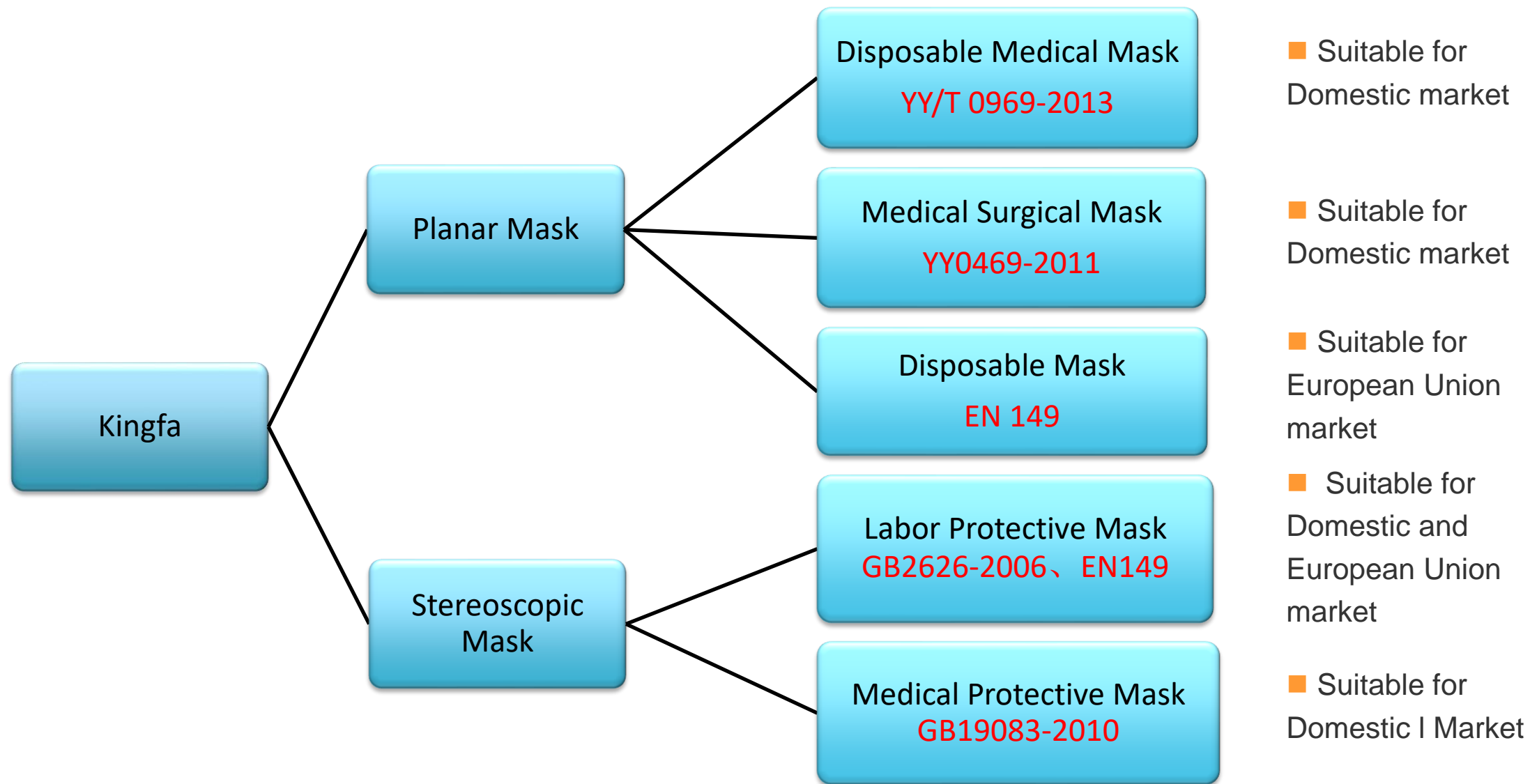
YY/T0969-2013 is disposable medical mask
(the most in the market, weaker filtration efficiency)

YY 0469-2011 is Medical surgical mask (Most recommended against virus-outbreak)

GB19083-2010 is Medical protective mask (the highest level of protection)

Kingfa's corresponding model masks are qualified for the above three standards.

Kingfa口罩简介



Planar Masks



Disposable Medical Mask



- YY/T0969-2013

- Key Index: Gas-flow Rate 32L/min;

 - Bacteria Filtration Efficiency (BFE) $\geq 95\%$

 - ✓ Ventilation Resistance $\leq 49\text{pa}$

 - ✓ Microbiological Indicator

- ◆ **Scope of Application:**

 - It can be used for general medical activities in common environment (such as visiting patients, etc.) or prevent allergies by blocking pollen and dust.

Planar Masks



Medical Surgical Mask



- YY 0469-2011

- Key Index : Gas-flow Rate 32L/min:
 - Bacteria Filtration Efficiency (BFE) $\geq 95\%$
 - Particle Filtration Efficiency (PFE) $\geq 30\%$

- ✓ Ventilation Resistance $\leq 49\text{pa}$

- ✓ Synthetic Blood Penetration

- ◆ **Scope of Application :**

It is suitable for the protection of staff in crowded places, such as outpatient, emergency, medical consulting desk, and patients with respiratory infectious diseases.

Stereoscopic Mask



Medical Protective Mask

■ GB19083-2010

■ Key Index : under Gas-flow Rate 85L/min
Particle Filtration Efficiency (PFE) $\geq 95\%$

✓ Ventilation Resistance $\leq 343.2\text{pa}$

✓ Synthetic Blood Penetration

✓ Microbiological Indicator

◆ Scope of Application :

Medical personnel who directly contact with patients with respiratory infectious diseases, such as fever outpatient, respiratory outpatient, should wear medical protective masks.



Masks to European Union



Labor Protective Mask



■ EN149-2001+A1-2009

■ Key Index : under Gas-flow Rate 95L/min

Filtration Efficiency FFP1 \geq 80% **FFP2 \geq 94%**

✓ Inspiratory Resistance \leq 2.4mbar

✓ Expiratory resistance

◆ Scope of Application :

Absorbing the harmful aerosol, including dust, smoke, fog droplets, toxic gases and toxic vapors through filter materials, so as to obstruct bacteria and particles from being inhaled.

THANKS *for your time*

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