

# **SQ Biomass Graphene SS Composite Nonwoven Fabrics**

## **Biomass Graphene Disposable Protective Respirator**

### **Product Specification**

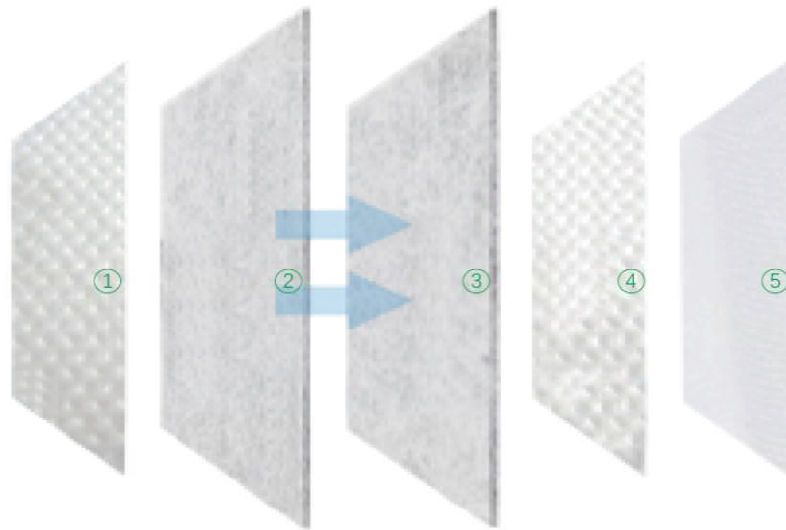
This product is made of SQ Biomass graphene Healfiber®. The biomass graphene is derived from natural green resources-plant straw. Because of the Biomass Graphene added in the Healfiber® material, it has the comprehensive characteristics of far-infrared, bacteriostatic, moisture absorption, anti-static, anti-ultraviolet, etc. Due to the special material in the respirator, this respirator can effectively filter dust, bacteria and other harmful substances, to achieve the effect of haze prevention

This Product is ideally suited for applications where a higher protection factor is required and provides respiratory protection against most gases, vapors and particulates.

#### **Product Structure:**

This product is composed of 5 layers filter substrate (willow-shaped 4-layer, no buffer layer), from outside to inside are as follows: ① molding layer-60gPP non-woven fabrics; ② filter layer-PP melt blown; ③ antibacterial layer - graphene PP non-woven fabrics; ④ buffer layer-PET hot air fabrics; ⑤ skin-friendly layer-30gPP non-woven fabrics. This product can filter fine particulate matter through the cooperation of each layer of substrate, and the bacteriostatic effect of Biomass graphene non-woven fabrics makes this product less bacterial growth during use and storage. In addition, it is designed ergonomically, it

can cover almost half of the face and fit the facial curve after being unfolded. The combination of adjustable nose clip and sponge strip provides better protection.



- ① Molding layer-60gPP non-woven fabrics
- ② Filter layer-PP melt blown
- ③ Antibacterial layer-graphene PP non-woven fabrics
- ④ Buffer layer-PET hot air fabrics
- ⑤ Skin-friendly layer-30gPP non-woven fabrics

### Design Feature:

Foldable Design, Contour Fit and Soft Lining, Adjustable Nosepiece, Comfortable Nose

Foam, Easy Breathing and Speaking

**Standard:**

This product meets the requirements of GB2626-2006, Respiratory Protective Equipment-Nonpowered Air-Purifying Particle Respirator. The protection class is KN95, corresponding to N95(USA) and FFP2(EU).

**Technical Description:**

Mask Type: Molded Cup

Valve: No

Straps: Double elastics

Mask Size: Medium

Latex Free: Yes

PVC Free: Yes

Silicone Free: Yes

**Fitting Instructions:**

- ① Take the respirator out of the package and stretch it;
- ② The nose clip part is facing up, the side without nose clip is facing the face, and the ear straps are pulled on each hand.
- ③ Face the mask against the chin first, and pull the ear band back to the ear and hang it on the ear until it feels comfortable.
- ④ Adjust the respirator to fit the face, and mold nose clip around your nose to achieve

a secure seal.



#### Fit Check:

1. Cover the front of the respirator with both hands being careful not to disturb the fit of the respirator.
2. Exhale sharply;
3. If air leaks around the nose, readjust the nose clip to eliminate leakage. Repeat the above fit check.
4. If air leaks at the respirator edges, adjust the straps along the ears to eliminate leakage.

Repeat the above fit check.

If you CANNOT achieve a proper fit DO NOT enter the hazardous area. See your supervisor.

Users should be fit tested in accordance with local national requirements. For information regarding fit testing procedures, please contact us.

#### Use For:



This product is suitable for the protection against particulate matters with diameters more than 0.075 micron, such as the various solid particulates generated in the process of grinding, cleaning, and processing, and the non-volatile liquid and non-oily particles generated in the spraying process, as well as the protection against solid-liquid-mixed particulate matters in severe hazy weather. For additional information on this product use recommendations for this class of respirator please call SQ in China, 400-777-8118

**Do Not Use For:**

This product is not suitable for the protection against harmful gases or steam, oily aerosols, asbestos, cadmium, lead, 4-4 diphenylamine methane and sandblasting operations. It is not suitable for the environment where the harmful concentration is more than 10 times of the occupational exposure concentration limits or OSHA special hazardous substance or the concentration specified in the government regulations, which-ever is lower. This product does not provide oxygen.

**Time Use Limitation:**

If respirator becomes damaged, soiled or breathing becomes difficult, leave the contaminated area immediately and replace the respirator.

**Packaging and Quantity:**

Paper Box, 40pcs per box.

### **Storage and transportation:**

The Biomass Graphene Particulate Respirator Series Product have a shelf life of 3 years.

The end of shelf life is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life. Product should be stored in clean, dry conditions within the temperature range: – 20°C to + 25°C with a maximum relative humidity of <80%. When storing or transporting this product use original packaging provided.

## **WARNINGS**

These respirators help reduce exposure to certain particles. Misuse may result in sickness or death. Before use, the wearer must read and understand User Instructions provided as a part of product packaging. Time use limitations may apply. For proper use, see package instructions, supervisor or call Shengquan Group in China at 0086-400-777-8118.

### **IMPORTANT NOTICE**

- Always be sure that the complete product is:
  - Suitable for the application;
  - Fitted correctly;
  - Worn during all periods of exposure;
  - Replaced when necessary.

- Proper selection, training, use and appropriate maintenance are essential in order for the product to help protect the wearer from certain airborne contaminants.

- Failure to follow all instructions on the use of these respiratory protection products and/or failure to properly wear the complete product during all periods of exposure may adversely affect the wearer's health, lead to severe or life threatening illness or permanent disability.

For suitability and proper use follow local regulations and refer to all information supplied.

- Before use, the wearer must be trained in use of the complete product in accordance with applicable Health and Safety standards/guidance.

- These products do not protect against gases/vapors.

- Do not use in atmospheres containing less than 19.5% oxygen.

- Do not use for respiratory protection against atmospheric contaminants/concentrations which are unknown or immediately dangerous to life and health (IDLH).

- **Do not use with beards or other facial hair that may inhibit contact between the face and the product thus preventing a good seal.**

- Leave the contaminated area immediately if:

- Breathing becomes difficult.

- Dizziness or other distress occurs.

- The respirator becomes damaged

- You taste or smell contaminants, or an irritation occurs

- Do not alter, modify, clean or repair this respirator.

- Before initial use, always check that the product is within the stated shelf life (use by



date).

- Shengquan Group does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information provided herein. The user is responsible for determining the suitability of the products for their intended use.