CARBON GENIE® Negative Ion Anti-Haze Fashion Carbon Fiber Masks

Revision 3  October, 2018

This literature supersedes all previous issues.

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GENERAL DESCRIPTION
CARBON GENIE® negative ion anti-haze fashion carbon fiber mask is the first time adopting the international leading compound manufacturing method, high pressure segmented forging, is made of seven layers of special materials. Core filter layer adopts active carbon fiber nano-carbon pore filter layer which the carbon fiber raw silk to be subjected to high temperature extraction and activation treatment, excellent adsorption performance, absorption and decomposition of chemicals and harmful gases, and block PM2.5.

TYPICAL USES
- Daily protective
- Industry protective
- Clothing matching
- Outdoor sport protective

TYPICAL FUNCTIONS
- Anti-PM2.5, Anti-harmful microorganism.

STANDARD
- GB/T32610-2016
- EN149-2001
- AS/NZS1716-2003
- US Niosh 42 CFR Part 84

TYPICAL ADVANTAGES/FEATURES
- Adopt special material, the filtering efficiency is over 95%.
- Using unique process, extend the service life up to 2 years.
- In line with ergonomics, 360 degrees fits face, wear comfortable.
- Continuous generation of negative oxygen ion, green respiration.
- Unique bionic breathing valve, no suffocating feeling.
- Core carbon fiber nano-carbon pore filter layer, high efficiency block PM2.5.
- Adjustable ear-loop design, Imported memory sponge nose clip, soft comfortable, prevent eyeglass fog.
- 3D structure design, increase internal space, avoid ruining make up.
- Variety of color and pattern combination, high grade light luxury, fashion cool.
- Portable receiving box, easy to carry.

PREFERRED STYLE

CARBON GENIE® 3D Water Drop Style;  CARBON GENIE® 3D Diamond Style;

Please refer to current price list or Zhongheng Jingxin sale office for available of colours and dimensions.

GUARANTEED PROPERTIES OF CARBON FIBER MASK

<table>
<thead>
<tr>
<th>Filtration Efficiency</th>
<th>≥95%</th>
<th>Formaldehyde Content</th>
<th>0 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particle Protection Performance</td>
<td>B level</td>
<td>Decomposed Carcinogenic</td>
<td></td>
</tr>
<tr>
<td>Haze Prevention Grade</td>
<td>KN95</td>
<td>Aromatic Amine Dyes</td>
<td></td>
</tr>
</tbody>
</table>

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Please ensure you have the current data sheet for this products as displayed at www.sdzhtxw.com

Shandong Zhongheng Jingxin Carbon Fiber Technology&Development Co.,Ltd
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QIHE COUNTY  (0534) 8124966
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**Attributes Tested during Manufacture and Product Attributes**

<table>
<thead>
<tr>
<th>Property</th>
<th>Test &amp; Evaluation</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance Requirement (samples &gt;8pcs)</td>
<td>Visual method</td>
<td>Not damaged, deformation, oil stains, and other obvious defects.</td>
</tr>
<tr>
<td>Colour fastness to rubbing</td>
<td>GB/T29865</td>
<td>≥ 4 grade</td>
</tr>
<tr>
<td>Formaldehyde content</td>
<td>GB/T2912.1</td>
<td>≤ 20mg/kg</td>
</tr>
<tr>
<td>Decomposed carcinogenic aromatic amine dye</td>
<td>GB/T17592, GB/T23344</td>
<td>Forbidden</td>
</tr>
<tr>
<td>PH value</td>
<td>GB/T7573</td>
<td>4.0~8.5</td>
</tr>
<tr>
<td>Inspiratory resistance</td>
<td>GB/32610-2016 6.7</td>
<td>≤ 175Pa</td>
</tr>
<tr>
<td>Expiratory resistance</td>
<td>GB/32610-2016 6.8</td>
<td>≤ 145Pa</td>
</tr>
<tr>
<td>The connection force between mask tape and body</td>
<td>GB/32610-2016 6.9</td>
<td>≥ 20N</td>
</tr>
<tr>
<td>Fastness of respiratory valve cover</td>
<td>GB/32610-2016 6.10</td>
<td>No slippage, fracture and deformation</td>
</tr>
<tr>
<td>Field of vision</td>
<td>GB 2890-2009.6.8</td>
<td>≥ 60°</td>
</tr>
<tr>
<td>Ethylene oxide residue</td>
<td>GB/T14233.1-2008.9.0</td>
<td>≤ 10ug/g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Microorganism</th>
<th>Fungal colony count</th>
<th>GB15979</th>
<th>≤ 100 CFU/g</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bacterial colony count</td>
<td>GB15979</td>
<td>≤ 200 CFU/g</td>
</tr>
<tr>
<td></td>
<td>Escherichia coli</td>
<td></td>
<td>Negative</td>
</tr>
<tr>
<td></td>
<td>Staphylococcus aureus</td>
<td></td>
<td>Negative</td>
</tr>
<tr>
<td></td>
<td>Staphylococcus aureus</td>
<td></td>
<td>Negative</td>
</tr>
</tbody>
</table>

| Filter efficiency                      | Salt medium         | GB/T32610-2016 App A | ≥ 95%(II grade) |
|                                       | Oily medium         | GB/T32610-2016 App B | ≥ 95%(II grade) |
| Particle protective performance        |                     |                     | ≥ 85%(B grade) |

**China**

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IMPORTANT NOTES

1. Mask should be safe and secure of protect the mouth, nose.

2. Mask raw materials should not use renewable material, including highly toxic, carcinogenic or potentially carcinogenic substances and known to cause skin irritation or other adverse reactions of the material, other restrictions on the use of substances.

3. The mask should be easy to wear and removal, in the process of wearing no obvious sense of oppression or tenderness, have little impact on head activity.

4. Sampling, take the corresponding quantity of samples from each inspection batch at any time in accordance with the test requirements, if qty more than one hundred thousand, double samples.

5. When internal quality, filter efficiency, particle protective performance all are qualified, products can be recognized as qualified.

6. Suitable for machine washing and hand washing, remove breathing valve when washing, do not add any detergent.

7. After using the mask, please keep it in a closed receiving bag to avoid saturated adsorption.

8. Under air is not in circulation, sleep, indoor, do not recommend wearing this product; children under 3 years of age are prohibited from using this product because of low vital capacity.

9. All warranties for products, if any, are subject to eligibility term and conditions apply. Nothing in this document is intended by Zhongheng to extend, modify or otherwise affect any stated product warranty, To found out more, please contact your partner (Zhong heng) for advise.