



**CAMBRIDGE
MASK CO**

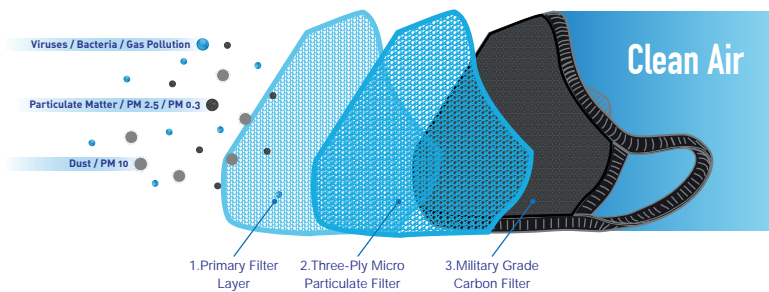
PRO MASK SPECIFICATION SHEET

ABOUT CAMBRIDGE MASK PRO

Engineered with UK military-grade filtration technology, Cambridge Mask respirators are half-face masks classified as personal protective equipment (PPE). Cambridge Mask PRO is a fashion focused pollution mask that comes in a large range of designs and 5 different sizes to fit comfortably for both children and adults. Cambridge PRO provides nearly 100% protection from particulate pollution such as PM10, PM2.5, and PM0.3. Boasting a unique triple layer filtration system, the PRO mask also filters out 99.7% of bacteria and 99.6% of viruses from the air.

FILTER TECHNOLOGY

Cambridge Masks PRO filters air through three composite layers:



1. The Primary Filter Layer

The first layer of the mask designed to filter out large particles such as dust and PM10.

2. The Three-Ply Micro Particulate Layer

The second layer of the mask blocks particulates such as PM2.5. It also filters 99.79%+ of particles as small as PM0.3.

3. Inner Filter

The inner filter is made from a 100% pure activated carbon cloth which was originally invented by the UK Ministry of Defence. The Military Grade Carbon Filter – traditionally powders and granules – generate “Van der Waal” forces due to their porous structure. These forces give activated carbons their unique potential to adsorb gaseous molecules, including anions and cations into their internal pores.

MATERIAL COMPOSITIONS



- Mask :**
- a. Outer Layer: Brushed Polyester
 - b. Middle Layer: Polypropylene
 - c. Inner Layer: Activated Carbon Cloth

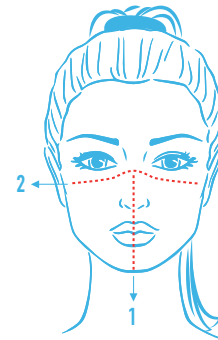
Headstrap : Polyamide + Rubber

Nose Clip : Polypropylene + Electroplate Zinc Wire

Nose Foam : Ethylene Vinyl Acetate + Wood Pulp

Valve Deactivated Stickers : Wood Pulp Paper

SIZING



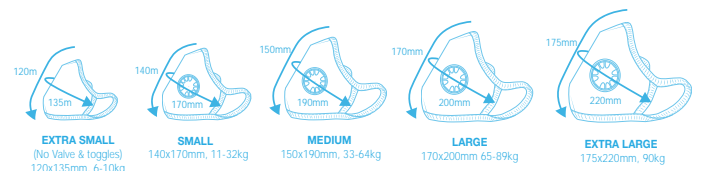
The user can follow these instructions to select the size:

1. Step One:

Using a tape measure, measure from the mid-point of the user nose to just over an inch under the chin, this would be the reference for the first number on our size chart.

2. Step Two:

Measure from the outer edge of the user left cheekbone to the outer edge of the user right to cheekbone (about an inch below the temples) to find the correct width for the mask. Make sure to add a couple of millimeters to the user measurement to avoid mask being too small.



Notes: It is necessary to have the right size for maximum filtration.



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APPROVALS AND STANDARDS

1. Certified as child safe under 14 U.S.C 1278a and CFR Parts 1370 1501 1500.53 and 1500.44 (Certified by Bay Area Testing Labs)
2. EN149 standards for CE in the European Union (Certified by SAI Global and Apave Labs FR)
3. 99.6% viral filtration efficiency and 99.7% bacterial filtration efficiency (tested by Nelson Labs USA)

USAGE GUIDELINES

Cambridge Masks™ PRO are non-disposable and can be used up to 340 hours. The length of time they are suitable for depends on how polluted the environment is when you use it. A table is provided below.

Pollution Level	Air Quality Conditions (AQI)	Description	Replace After
Good	Below 50	Clear visibility to horizon	Mask not needed
Moderate/ Unhealthy for Sensitive Groups	51-150	Cannot see pollution with the naked eye, slight haze on the horizon	340 hours
Unhealthy / Very Unhealthy	151-300	Haze at 2-3 km visibility	220 hours
Hazardous	301-500	Clouds of pollution, visibility around 1km	180 hours
Beyond Index	Over 500	Visibility below 600 meters. Fog-like clouds of pollution clearly visible even in bright sunlight.	90 hours

*EPA establishes an AQI for five major air pollutants regulated by the Clean Air Act. Use the Air Quality Index (AQI) to learn more about your local air quality and the best times for your outdoor activities.

STORAGE & SHELF LIFE

1. Keep your mask sealed in a cool, dry place with low humidity (-20°C to +30°C)
2. The mask age once you actively wear the mask.
3. The Cambridge Mask PRO can be gently hand washed with soap and warm water to remove dirt from the outer fabric layer. Once clean, hang the mask up to air dry.
4. The mask is intended to provide protection of the wearer's respiratory system from airborne substances and mixtures which are hazardous to health. The mask is intended as a lifestyle product for use by the general public. It is not intended for professional, industrial or other occupations.

DISTRIBUTIONS & CUSTOMISATIONS

With distributors across North and South-East, Europe, US, Australia, and Canada, Cambridge Mask Co. can meet international shipping needs all around the world. We retail our mask in over 100 countries globally. Our masks are used globally by travelers, cyclists, urban residents, respiratory disease sufferers, and anyone wanting to reduce their exposure to potentially harmful pollutants. In the past, we have customised for Deliveroo, British Airways, Ferrari, The Lash Exchange and Fly Aware.

THE DIFFERENCES BETWEEN PRO & BASIC MASKS

Cambridge Mask Co. produce two different types of masks – the BASIC and the PRO with the details comparison below:

	CAMBRIDGE MASK BASIC	CAMBRIDGE MASK PRO
Filter Pollution, Gases, and Bacteria and Viruses	✓	✓
Suitable for Children	✓	✓
Adjustable Toggles	✓	✓
5 Sizes of Options	✓	✓
Inner Carbon Layer	✗	✓
Vary of Patterns and Colours	✗	✓
Comes with Headstrap & Nose Foam	✗	✓
Packaging	Sealed Plastic Bag	Tin Box & Eco-Friendly Packaging
Weight	70 grams	166 grams
Filter Life	70-90 hours	200-350 hours

IMPORTANT NOTES

1. Mask must be fitted properly to filter effectively.
2. Infants and children should be supervised when wearing a mask.
3. Mask do not filter industrial chemicals or oil-based particles such as paint.
4. Do not exceed recommended maximum hours of usage.