MEDICAL GRADE SURGICAL FACE MASK
The Mask Lab is a venture by Control Print Limited, India’s own Coding & Marking Manufacturing Company. Founded in 1991, and listed on the NSE and BSE, it is one of India’s Top 1,000 Companies by Market Capitalization with an average market capitalization of Rs 500 Crores in FY 2019-2020. With 2 factories, located at Nalagarh, HP and Guwahati, 11 branch offices, presence in 5 countries and more than 700 employees including a Field Sales and Service force of over 320 employees, it is a leading player in its field and was awarded as India’s Best SME in the Manufacturing Sector.

The Mask Lab is your premier source for International Quality Medical and Surgical Face Masks. Our brand promises to deliver the highest value of personal protection to ensure the safety of you and your employees.

The ASTM Standards Organisation has laid down the ASTM F2100 – 11 Standard to measure the performance, efficacy, and conformance of Medical Grade Surgical Masks. World over this is recognised as the de facto classification for Medical Grade Surgical Masks. Each of our masks are manufactured to conform to the ASTM F2100 – 11 Standards. They are manufactured in a clean environment and as per the guidelines of Good Manufacturing Practices to ensure proper design, monitoring, and control of the manufacturing processes and facilities.

These masks have been designed to shield Medical Workers and Patients, across a broad spectrum of disciplines such as general patient care, surgery, dentistry and diagnostics amongst others, who may be exposed to moderate quantities of blood, cough droplets, phlegm and bodily fluids.

In addition to medical workers it’s designed to protect factory and office workers, by preventing the spread of germs by way of talking, coughing, or sneezing. The mask reminds the wearer not to accidentally touch their mouth or nose, which could otherwise transfer viruses and bacteria after having touched a contaminated surface. These masks can prevent contracting of seasonal influenza or similar droplet borne infections and airborne infections reducing absence from work or lower productivity due to illness. For industries requiring a high level of hygiene on the shop floor such as those in Pharmaceutical, Food, and Personal Care Manufacturing along with the Hospitality and Food Service Businesses this is an invaluable hygienic compliance tool.

Besides infection these masks will provide a high level of protection from airborne particulate matter such as PM 0.1, PM 2.5, PM 10, dust, allergens, post combustion particles, germs, shavings, biologics, odours, scents, mold, mold spores, and other airborne contaminants. It is especially useful in those exposed to high levels of dust and other pollutants in industries such as transport, textiles, cement, and construction.

### THE MASK LAB MEETS LEVEL 3 OF THE ASTM F2100 – 11 STANDARDS

<table>
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<tr>
<th>Characteristics</th>
<th>ASTM F2100 -11 Standard Levels</th>
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| Resistance to Penetration | Level 1: low barrier protection  
General use for short procedures and exams that don’t involve aerosols, spray or fluids |
| Breathability - Differential pressure | 80 mm Hg  
≤4.0 |
| Bacterial Filtration Efficiency | ≥95%  
≥95% |
| Sub-micron particulates filtration efficient at 0.1 micron | ≥98%  
≥98% |
| Flame spread | Class 1  
Class 1 |
| Resistance to Penetration | Level 2: moderate barrier protection for low to moderate levels of aerosols, spray and/or fluids |
| Breathability - Differential pressure | 120 mm Hg  
≤5.0 |
| Bacterial Filtration Efficiency | ≥98%  
≥98% |
| Sub-micron particulates filtration efficient at 0.1 micron | ≥98%  
≥98% |
| Flame spread | Class 1  
Class 1 |
| Resistance to Penetration | Level 3: maximum barrier protection for heavy levels of aerosols, spray and/or fluids |
| Breathability - Differential pressure | 160 mm Hg  
≤5.0 |
| Bacterial Filtration Efficiency | ≥98%  
≥98% |
| Sub-micron particulates filtration efficient at 0.1 micron | ≥98%  
≥98% |
| Flame spread | Class 1  
Class 1 |
THREE LAYERS OF PROTECTION

These masks are composed of Three Layers of Non-Woven Fabric:

THE INNER LAYER
- Is used to absorb the moisture and moisture released by the wearer.

THE FILTER LAYER
- In the middle and uses melt blown Polypropylene fabric that serves as a barrier against microbes from entering or existing the mask. This is the heart of the mask.

THE OUTER LAYER
- Is waterproof which is mainly used to isolate the liquid sprayed by the patient.

PLEATS
- Are commonly used to allow the user to expand the mask such that it covers the area from the nose to the chin.

EAR LOOPS
- Are provided to secure the masks behind the head.

NOSE STRIP
- Is provided to ensure there are no gaps on either side of the mask.

Our masks meet the following standards:

<table>
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<tr>
<th>ASTM STANDARDS</th>
<th>MELT BLOWN FILTRATION LAYER</th>
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<tbody>
<tr>
<td>BACTERIAL FILTRATION EFFICIENCY ≥98%</td>
<td>SUB MICRON PARTICULATE FILTRATION EFFICIENCY ≥98%</td>
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</table>
TIPS TO WEAR A MASK

- Wash your hands
- Unfold the pleats; make sure that they are facing down. Make sure the coloured side is always on the outside and white on the inside
- Place over the nose, mouth and chin. Place loops over the ears
- Fit flexible nose piece over nose bridge
- Ensure there are no gaps on either side of the mask
- Do not let the mask hang from the neck

HOW TO DISPOSE A MASK

- Hold both the ear loops and gently lift to remove the mask
- Be gentle so as to not disturb liquid and solid contaminants on the mask
- Place mask in a plastic bag, like a grocery shopping bag or a zip lock bag
- Secure bag tightly. Place plastic bag into the garbage can or waste disposal unit
- Wash hands immediately after disposing your mask

HOW DO WE PACK

- 20 Monocartons of 50 Masks each = 1,000 Masks

50 Masks in a Monocarton
20 Monocartons in a Shipper Carton

Manufactured By - Control Print Limited

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