



WORLD  
PRECISION  
INSTRUMENTS

# S9 SELF-PRIMING RESPIRATORS

## REUSABLE FACEMASKS (KN95 STANDARD)

The S9 self-priming respirator is a reusable face mask designed to KN95 standards. This means that it will block > 95% of all particulate matter in the air larger than 2 µm in size. The mask employs inexpensive replaceable filters.

### BENEFITS

- Breathe comfortably with full protection
- Minimize cross contamination with plastic shield
- Fits snugly on the face with silicone construction
- Effective filter with four (4) layers
- One time fit (No need to continually adjust for comfort)
- Environmentally friendly because it is reusable
- Personalize individual masks by attaching identification to it directly

### REUSEABLE MASK LAST LONGER

The reason for the long duration of use as opposed to disposable masks that use the same sort of filter material is the plastic shield that holds the filter cartridge. With a disposable mask, people are constantly readjusting the mask. Their hands are usually what transfers pathogens from the surfaces they touch to their faces, noses and mouths. That's why the CDC advises that we constantly wash our hands and not touch our faces. Each time we adjust a disposable mask with our hands, we contaminate it. In the case of the S9, the filter is protected from our hands by a plastic housing which does not obstruct airflow. The mask is easily taken on and off without directly touching the filters. The mask can be used up to two (2) years and can be cleaned by wiping it with hot water (75°C) or alcohol.

### SAVE MONEY WITH REUSABLE MASK

It is recommended that you change your disposable mask twice a day. With the S9 mask you can continue to use the mask for up to 10 days, depending on your environment. Extra filters are available at a nominal charge.



### EACH MASK KIT IS SEALED AND INCLUDES

- (1) Reusable silicone mask with inner and outer filter housing
- (5) Disposable filters (typically, 7-10 days per filter)
- (1) Strap
- Instructions for use



**1 FILTER**

Based on typical usage in an industrial environment

**10 to 15**  
Competitor Masks

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## EASY TO REPLACE FILTER



Place filter in outer filter guard.



Snap inner filter guard and outer filter guard together.



Slide assembled filter shield into the silicone mask.



Pull the strap through the notch on each side of the filter shield.

## SPECIFICATIONS TEST RESULTS

| Test Item                | Unit | Test Results | Required Standard                                 |
|--------------------------|------|--------------|---|
| 1 Filtration Efficiency  | %    | <b>98.2</b>  | KN90 (≥90.0%)<br>KN95 (≥95.0%)<br>KN100 (≥99.97%) |
| 2 Inspiratory Resistance | Pa   | 53.3         | ≤145  |
| 2 Expiratory Resistance  | Pa   | 142.2        | ≤175  |

## FULL TEST RESULTS

| Test Item                               | Unit  | Test Results | Required Standard |
|---|-------|--------------|-------------------|
| 1 Total Bacterial Colonies              | CFU/g | <20          | ≤20               |
| 2 Fungus                                | ---   | Not detected | Not detectable    |
| 3 Coliform                              | ---   | Not detected | Not detectable    |
| 4 Staphylococcus Aureus                 | ---   | Not detected | Not detectable    |
| 5 Steptococcus Hemo-luticus             | ---   | Not detected | Not detectable    |
| 6 Psudomonas Aerogi-nosa                | ---   | Not detected | Not detectable    |
| 7 Bacterial Filtration Efficiency (BFE) | %     | 99.21        | 95%               |

## CERTIFICATIONS



**Call for all the details!**



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Minimum order: 100 units

NOTE: All sales are final. Returns are only processed for manufacturing defects.

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