



OCTO® RESPIRATOR MASK  
ORM V1.5 HALO

Revision 2022-01-01

## **USER INSTRUCTIONS**

Thank you for purchasing the OCTO® Respirator Mask (ORM). Before using it you must read and understand these instructions.

### **Warning**

Failure to follow instructions and warnings, to improperly select a respirator mask based on contaminants and their concentrations, and improper use, can result in serious injury, illness, and death. To properly use a respirator you have to be trained in respirator use for the areas and contamination levels where it will be used.

### **Do NOT Use this Respirator**

- in oxygen-deficient atmospheres (<19.5%).
- against gases and vapors, and oil mists
- against sandblasting

### **Restrictions**

Do not alter, modify, disassemble, or abuse the ORM. Do not handle the filter material directly or try to clean it except as stated in the maintenance instructions.

## Fit Tests

United States regulations require that workers undergo an annual fit test and conduct a user seal check each time a respirator is used. Workers must pass a fit test to confirm a proper seal before using a respirator in the workplace.

Do not use the ORM if it does not achieve an effective seal. Be aware that facial hair, eyeglasses, head coverings, or other reasons may prevent an effective seal.

The effectiveness of the ORM will be reduced if it does not adequately seal to the face.

## Maintenance

The ORM is designed to be disinfected and sterilized. It can be sterilized by boiling or autoclaving up to **30 times**, if the maintenance instructions are carefully followed.

**Do not disassemble the ORM.**

If the plastic or silicone surfaces of the ORM are visibly soiled, clean the surfaces using soapy water on a disposable cloth or paper towel prior to performing any of the three processes outlined below.

The ORM's Strapping System can be removed and washed separately with warm and soapy water and air-dried, or using your laundry washer and dryer, using the 'normal' or 'cold' cycle in the washer, then the 'delicate' cycle in the dryer if it allows such small objects.

**Disinfection:** wearing disposable gloves, wipe the plastic and silicone surfaces (including the straps) with 70% or higher ethyl or isopropyl alcohol solutions or wipes. The plastic surface can also be disinfected with a bleach or hydrogen peroxide solution or wipes. Do not wipe the filter material fabric.

Pay close attention to hazard warnings and directions on the labels of the product you are using, as well as its Safety Data Sheet, and comply with application and drying-time recommendations.

**Sterilization:** bring enough water to fully submerge the ORM to a rapid boil, and process for a minimum of 3 minutes and a maximum of 5 minutes; safely remove and drain the ORM. Allow to dry before using it again.

**To expedite the drying time,** such that the ORM dries in about 3 to 5 hours, please use the **Contact-Drying Method:** after boiling the ORM place it face-up on a surface in a well ventilated area, and position 3 clean, crumpled facial tissues or paper towels into the three chambers of the pleated filter, such that they are in contact with the filter material. Please make sure not to rub or scour the filter material. After an hour, remove the tissues, and let the ORM dry open to the air.

**Autoclave:** process at 121°C (250°F) at 15 PSI for 15 minutes. 10 minutes drying time. Do not exceed these temperatures and durations. Either way, please be sure to follow the autoclave manufacturer's instructions.

## Fitting Instructions

First time use: **read the user instructions** and then remove the OCTO® Respirator Mask (ORM) from the sealed bag. Remove the silica gel pack from the bag, and safely discard - do not ingest the silica gel pack and keep it away from children and pets.

If you find the initial smell of the ORM too strong, please air it out by placing it face up in a well ventilated area for a while.

**Achieving an adequate seal to the face is essential for any respirator to function properly. Do not use the ORM if you cannot achieve an effective seal. Be aware that facial hair, eyeglasses, head coverings, or other reasons may prevent an effective seal. Before every use inspect the ORM for any defects. If the ORM is damaged replace it.**

For first-time use it is recommended to adjust the strap length to your head size and if needed also the tilt of the mask towards the face.



Hold the bottom of the ORM with one hand and the lower section of the Halo strap in the other hand.



Position the Halo strap on the back and top of your head.



Place the mask on your face, covering nose and chin.

The strap should not go over your ears.



Done. This is what it should look like.

If the ORM does not feel comfortable please adjust the length of the strap on both sides.





To adjust the length of the strap open the velcro on each side where it attaches to the tri-glide, adjust the length, and close the velcro hook material back on the strap again.



Once the strap length is correct, the tilt of the mask can also be adjusted. Open either the top or bottom velcro hook material attached to the mask, adjust the tilt of the mask, and close the velcro again. The necessary adjustment is usually less than a 1/4 inch.

For more information go to  
[www.OctoSafety.com/intro](http://www.OctoSafety.com/intro)



**OCTO**<sup>®</sup>  
**Safety Devices**

Made in USA

© 2022 Octo Safety Devices LLC. All Rights Reserved.