



# Alternate Respirators Use and Maintenance

Use an alternative to N95 respirators where feasible: half-face or full-face respirators with HEPA/HE filters or cartridges and powered air purifying respirators (PAPRs).

## How to Clean, Sanitize and Disinfect Half and Full-Face Respirators

- Respirators should only be worn when providing patient care or transporting patients that are either confirmed or suspected of Covid-19.
- Clean after each use. Nitrile or vinyl gloves should be worn during cleaning as well as other personal protective equipment (PPE) as indicated.
- Inspect facepiece per the User Instructions to identify any damage or excessive wear. Repair or replace facepiece as necessary.
  - Ensure filter gaskets or seals are in good condition.
  - Remove exhalation valve and valve seat for signs of dirt, distortion, cracking or tearing.
  - Inspect lens for any damage that may impair performance or vision.
- Clean facepiece (excluding filters or cartridges) by immersing it in a warm cleaning solution, water temperature not to exceed 120 °F (49 °C), and scrub with soft brush until clean. Add neutral detergent if necessary. Do not use cleaners containing lanolin or other oils.
- Disinfect by soaking the facepiece according to the user instructions for the selected disinfectant, including usability, application and contact time.
- Rinse thoroughly with fresh warm water.
- Air dry in non-contaminated area.
- Inspect and reassemble respirator as described in the User Instructions.

## General Use Tips

- Do not share tight fitting masks with other users.
- Perform a positive and negative fit check before use.
- Store in a clean, dry location that prevents contamination.
- Store in a breathable container or hang respirator in a designated area.
- Label the respirator with the user's name.
- Perform hand hygiene before and after handling or touching a respirator.
- Avoid touching the inside of the respirator.

If you do not know how to perform a negative and positive fit check, type this link into your browser:

<https://www.youtube.com/watch?v=v5enXbWq5zs>

## Cartridge Care

For extended life and reuse of cartridges, remove cartridges and wipe down the exterior of the cartridge with alcohol wipes. Store cartridges in a sealed bag labeled with the uses name. Reuse cartridges until they are damaged, visibly contaminated, or difficult to breathe through.



Half Face



Half Face



Full Face



PAPR

Occupational and Environmental Safety (OES) is a team of dedicated professionals who provide safety and compliance services to support Clemson University's core mission of research, teaching and public service. We accomplish this through collaboration and partnerships with the Clemson community and are committed to continuous improvement and exceptional customer service