

How to Decontaminate your N95 Disposable Mask allowing it to be re-used up to 5-10 times



Here are some handy tips on how to get the most effective and longest use out of each N95 or KN95 disposable mask. These tips are in order of preference so apply the highest-ranking tip that is applicable to your situation and time requirements.

1. If you can replace the mask with a new one, this is the best option, otherwise...
2. Store the mask after prolonged use in a brown paper bag for at least 24 hours, rotating masks on a daily cycle basis if you have two or more. Mark each mask & bag with a letter or number so they don't get mixed up.
3. Preheat a convection oven to 75 °C and rest the mask in an oven proof container for a timed 30 minutes. This treatment can only be repeated 2 – 3 times per mask before it loses its integrity.
4. Steam-clean the mask inside a microwave oven for 3 minutes, using 2cm of water and ensuring the mask is suspended above the water but not in contact with it. Then allow to fully dry in a brown paper bag. Repeat only up to 2 – 3 times per mask before it loses its integrity.
5. To remove any biological material, including mucus and saliva, massage the mask in warm water. DO NOT USE soap, dishwashing liquid, IsoPropyl Alcohol, nor bleach as this affects the electrostatic charge on the mask's middle layer, making it less effective. Then leave it to dry 24-48 hours in a brown paper bag.