



All N95 Respirators are evaluated, tested, and approved by NIOSH as per the requirements in 42 CFR Part 84. The required labeling of NIOSH-Approved N95 filtering facepiece respirators icon includes the NIOSH name, the approval number, filter designations, lot number, and model number to be printed on the respirator. You can verify that your respirator approvals are valid by checking the NIOSH Certified Equipment List (CEL).

An N95 Respirator is a type of respirator which removes particles from the air that are breathed through it. These respirators filter out at least 95% of very small (0.3 micron) particles. N95 FFRs are capable of filtering out all types of particles, including bacteria and viruses. **Our respirator was tested to filter out greater than 99% at an even smaller micron size of 0.1 micron**

When properly fitted and worn, minimal leakage occurs around edges of the respirator when the user inhales. This means almost all of the air is directed through the filter media. When properly fitted and donned, minimal leakage occurs around edges of the respirator when user inhales. The maximum allowable inward leakage is 5% or less. **Our mask tested to have less than 1% leakage or 99%+ efficiency.**

Achieving an adequate seal to the face is essential. United States regulations require that workers undergo an annual fit test and conduct a user seal check each time the respirator is used. Workers must pass a fit test to confirm a proper seal before using a respirator in the workplace. **To confirm the efficacy of the seal we had an independent company test people of various ages, size and weights that comprise a variety of face sizes. All subjects tested passed their qualitative fit testing.**

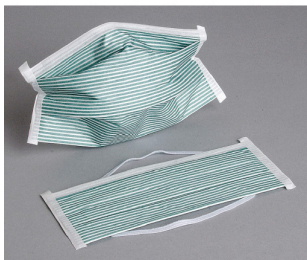
N95 Respirators can come in various shapes and designs and there is no restriction on this design as long as it has double head-straps as required by NIOSH and meets filtering, leakage and fit test requirements. **Above and beyond that our mask was also tested to meet the further requirements per ASTM Standards for filtration efficiency, breathability and fluid resistance at the highest levels**

The most common design style of N95 respirators is the cone or cup shaped. However, these are not comfortable when worn for extended periods of time. **Our mask was specifically designed to provide maximum comfort for extended wear while maintaining the critical fit, seal and filtration properties required by N95's. There is also no down vision limitation compared to off-the-face designs that can enter your line of sight.**



Our N95 Respirator most closely resembles existing N95 Respirators on the market manufactured and sold by Alpha Protech, Ansell Gammex, TrioMed/Safelife.

Alpha Protech



Ansell Gammex



TrioMed/Safelife

