

STATEMENT OF INTENDED USE

This mask is not a medical device within the scope of Directive 93/42/CEE or Regulation EU/2017/745 (surgical masks) nor is it personal protective equipment in the sense of Regulation EU/2016/425 (respiratory protective devices EN149:2001 FFP2).

- All AirPop masks are certified according to KN95 (GB2626: 2006/2019)
- Always check that the mask is correctly fitted and covers the nose, mouth, and chin. It is recommended that this mask be worn on bare skin; beards can reduce the filtration efficiency to below the limits set out.
- This mask does not replace protective measures (regular hand-washing or social distancing (reduced contact with other people)). It minimizes the projection of the user's respiratory droplets saliva into the environment and provides the wearer with an effective barrier against droplets from the external origin.

Are the ear strings adjustable?

Currently the earloops of the Active, Original and Light SE are adjustable. The earloops for the Pocket and Kids are not adjustable at this moment. We expect the Pocket mask to have adjustable earloops in January 2021.

Does your mask protect you from Covid / Do your masks work against viruses?

It would be incorrect to say that any mask can protect you against Covid-19 / or viruses as wearing a mask is only one of the appropriate controls to be implemented, including social distancing, good hand hygiene and adequate ventilation.

All masks are certainly not created equally and in 2015 AirPop sought to redesign a civilian use mask that didn't compromise on critical performance measures yet was easy to wear all day if needed.

Good mask performance as determined by WHO is achieved when the three essential parameters of Fit, Filtration and Breathability are optimized at the preferred thresholds and AirPop exceeds all parameters of even the very latest WHO Guidance.

All AirPop masks use a unique combination of professional-grade electrostatically charged filter medium and non-woven materials, un-rivaled in a civilian mask and have been subjected to rigorous 3rd party testing across the world including to USA ASTM F2100 Medical Mask performance standards.

In these tests we achieved the following filtration efficiencies:

ASTM F2299 / F2299M-03	Particle Filtration Efficiency 99.3%
ASTM F2101-19	Bacterial Filtration Efficiency 99.9%

This video does a great job of explaining why and how the filtration technology we use works effectively at “trapping” even virus-laden particles: <https://www.youtube.com/watch?v=eAdanPfQdCA&vl=en>

Filtration efficiency alone is not enough to make a “good mask”. Fit is just as important, so we studied over 3000 different facial types from all over the world to define a unique ergonomic structure for our masks that follows the contours of the human face and adapts to maintain a good seal with the wearer’s movements and facial expressions.

AirPop masks also provide unparalleled comfort and breathability. Our patented 3D shaped “Air-Dome” structure holds the mask away from the wearer’s face, creating a pocket of cooler air that allows and the effective evaporation of exhaled moisture.

Are your masks classed as FFP2?

No, Airpop masks are not classed as FFP2 masks as there is a requirement by EU under CWA 17553:2020 (Community Barrier Mask Guidelines) to make a clear distinction between mask types.

One key reason is that there’s a mandatory requirement in the workplace for wearers of FFP2 to be annually fit tested and this is not the case with any other type of mask.

	Protective mask*	Medical mask*	Community mask
Other terms used	FFP2 / FFP3 / FFP1 / respirator / filtering face piece / filtering half mask N95 / KN95 / KF94	Surgical mask	Everyday mask / community mask / artisanal mask / comfort mask / hygiene mask / civil mask / DIY (do-it-yourself) mask
Function	Protect the wearer from harmful dusts or aerosols / particles in the air	Protect the patient by reducing the risk of spreading infective agents via exhaled air of the wearer	Assist in the reduction of the viral load in the atmosphere
Applicable legal frame	PPE Regulation (EU) 2016/425 – category III	Medical Devices Directive 93/42/EEC – class I (class IIa for sterile medical masks)	Not regulated at this stage
US Regulatory Body	NIOSH / OSHA	FDA	Not regulated at this stage
Marking EU	CE + 4 digit identification number of the notified body responsible for the production	CE	No CE allowed
Marking US	NIOSH /Approval/Model/Class		
Applicable EN standard	EN 149 :2001+A1:2009	EN 14683:2009	CWA 17553:2020 /AFNOR Spec S76-001
Applicable US standard	42 CFR PART 84 (N95)	ASTM F2100-19	ASTM F3502-21

AirPop masks are conformity assessed using the same test methods as used for FFP2 Standard and our results in comparison to FFP2.

Test Method NaCl Filtration EN-13274-7	AIRPOP® Light SE	AIRPOP® Pocket	AIRPOP® Kids	AIRPOP® Active Active+	AIRPOP® Original	EUROPE FFP2 Standard (EN 149- 2001+A9:2009)
Filtration Capacity (NaCl @ 95L/min)	> 98.6%	> 98.6%	> 94.8%	> 95.8%	> 95.8%	> 94%
Resistance Inhalation (Dynamic Flow)	0.5 mbar	0.7 mbar	0.8 mbar	0.9 mbar	0.9 mbar	< 2.4 mbar
Resistance Exhalation (Dynamic Flow)	0.4 mbar	0.8 mbar	0.7 mbar	0.9 mbar	0.9 mbar	< 3.0 mbar

Are the masks latex-free?

All AirPop masks are latex-free, all materials that your face can and will be in contact with are skin-friendly (ISO 10993-5 2009-10, tested by the Hohenstein Institute).

Are your masks eco-friendly?

Our products are more durable than most disposable masks available on the market; all adult masks can be worn for 40 hours which, if used correctly, results in far less waste than masks that are made for one-time use or that should be changed after 4 - 5 hours.

Are your masks n95 or KN95 rated?

No, our masks are not NIOSH N95 certified at this stage. Our masks are manufactured in the same factories as one of the leading N95 approved manufacturers and we adhere to the same rigorous material performance and quality controls as N95 masks.

AirPop masks exceed international mask material performance standards and European Community Barrier mask requirements in addition to being certified respirators in Asia.

Yes, all AirPop masks are certified according to KN95 (GB2626: 2006/2019)