

MASKS FOR KIDS

spans the mask. For additional information on masks, see CDC's guidance to [Improve How Your Mask Protects You](#) and our [Aerosol FAQ](#), section 7 on masks.

The most important factors to consider are

1) **Comfort.** If your kid won't wear the mask because it's uncomfortable or hard to breathe through, then it's not helping.

than the mask material, so viruses will, too. A bendable nose bridge is key for ensuring a good fit.

particles. They do this not by sieving out particles but rather by mechanisms that make particles collide with and stick to the fibers of the material. Here's a nice visualization of how

ages 4-13 and experts in virus transmission, aerosol science, and mask performance.

GOOD

Any cloth or surgical mask is better than no mask.

BETTER

to seal the mask to the face. A surgical mask is an excellent filter, but by itself fits poorly and leaks. The cloth mask or fitter is intended to improve the fit of the surgical mask.

BEST

of these for kids and reports results [here](#). [Counterfeiting](#) can be a problem, and unfortunately we do not have information about reliable brands.

masks in this category yet. Level 1: $\geq 20\%$ filtration efficiency for submicron ($0.1 \mu\text{m}$) particles and airflow resistance $\leq 15 \text{ mm H}_2\text{O}$. Level 2: $\geq 50\%$ filtration efficiency for submicron easier for air to flow around them rather than through them.

If you have suggestions for other kids' masks that follow the ASTM 3502 standard or that include a filter, to add to the list, please submit them at https://docs.google.com/forms/d/e/1FAIpQLSfrfsZhsIFC7MHcmXLmU9rU5R5s_C_vQp3C_wvE1o78jmNrlw/viewform?usp=sf_link.

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Type of mask	Name or brand of mask	Claimed filtration efficiency	Independent testing results	Cost per mask	URL link to mask
KN95/KF94	Various	>98%	See URL for results		ODIQMZUOQxE/edit?usp=sharing
ASTM F3502	Puraka	30%		\$19	https://store.purakamasks.com/
ASTM F3502	Unicorn	30%		\$26	https://unicornbreathingmask.com/
ASTM F3502	POD	98.9%		\$10	https://www.podsupplies.com/products/kids-mask
ASTM F3502	Petite Vie Masks	not listed		\$16	https://www.petiteviemasks.com/collections/standard-sale/color
ASTM F3502	Z-shield	63%		\$3	https://zshield.com/collections/masks/products/youth-aries-mask-5-pack
ASTM F3502	LCP Medical	not listed		\$25	https://lcp-medical.com/product/easybreathe-face-mask/
Cloth mask with filter	Enro	99%	<u>micron; cloth-only portion:</u>	\$16.50	https://enro.com/collections/kids
Cloth mask with filter	Kitsbow	HEPA filter	for adult mask	\$25	reusable?avod=55097_a23416991&variant=32910707523619
Cloth mask with filter	Happy Mask	99.9%	efficiency was substantially	\$24	https://www.happymasks.com/collections/pro/products/black-pro
Cloth mask with filter	Allett	not listed		\$9	https://www.all-ett.com/products/kidsfacemask?variant=34769631608996
Mask with a filter	Flomask	99.8%		\$50	https://flomask.com/
Cloth mask with filter	Wayre	99.9%		\$8.90	https://www.shopwayre.com/collections/all/products/kids-high-tech-washable-mask
Cloth mask with filter	DNA Masks	98.5%		\$18	https://dnahealthcares.com/collections/kids-facemasks-collection
Cloth mask with filter	Vogmask	95%		\$33	https://www.vogmask.com/pages/technical
Cloth mask with filter	Halolife	98.8%	<u>lower than advertised</u>	\$30	https://halolife.io/collections/masks
Cloth mask with filter	The universal mask	81%	<u>pages/mask-efficacy</u>	\$10	https://theuniversalmask.com/collections/our-masks/products/childrens-masks
Cloth mask with filter	Caraa Tailored Junior Mask	99%		\$9	https://caraasport.com/products/3-tailored-junior-masks?variant=39513097764944
Cloth mask with filter	Cambridge	>98%	and 99.7% bacterial filtration	\$32	https://us.cambridgemask.com/collections/non-valve/products/the-austen-non-valve https://ppe.honeywell.com/collections/face-covers/products/honeywell-3d-knit-face-mask-light-grey-size-s-m-4-pk
Cloth mask with filter	Honeywell	97%		\$55	https://ppe.honeywell.com/collections/face-covers/products/honeywell-3d-knit-face-mask-light-grey-size-s-m-4-pk
Do-it-yourself HEPA or MERV 16+ filter in a tight-fitting cloth mask with a pocket	Any	99.97%			FOR EXAMPLE, https://www.amazon.com/FILT1-Filter-Inserts-Refill-Replacement/dp/B08KRTQ94Y , https://www.amazon.com/MERV-Filter-Material-Roll-Polycarbonate/dp/B089MDPCV8 , https://www.amazon.com/Nispira-Replacement-HAPF30AT-Purifier-HAP242-NUC/dp/B01M4KOFO8?th=1

Notes

[Kids' masks that have been tested by @masknerd](#)

sides and does not extend under chin
filtration ability, but it takes a little patience to put it back in place.
which has been tested by Nelson Labs to provide over 99.9% filtration against
"Non-woven Polypropylene is sewn into the mask, providing all-over coverage"
This is like an elastomeric respirator for kids

Meets ASTM F2100-11 Standard

[separately through Caraa website\). Filters can not be washed/reused. Filters can be](#)

Buy a non-valve mask.

The insert has been shown by a third-party testing facility to block up to 97% of 3-micron-sized non-viable particles and 0.1-micron-sized aerosolized particles.

[Cut to fit your mask, use the filter for a week and then replace \(do not wash\). See this video](#) about how to remove a HEPA filter from its frame, if needed.