

GENTL Mask

A Rapid Response to Support the Urgent Needs of Healthcare Professionals

An Open Source Design from

EPAM CONTINUUM



The GENTL Mask is an **Open Source face mask** design that utilizes readily available materials and incredibly simple manufacturing processes to enable localized manufacturing to help close the PPE supply gap.

For more information, visit <https://solutionshub.epam.com/solution/gentl-mask>

SUPPLIER RESOURCES

If you're a supplier of one of these materials, add yourself to the supplier resource databases here. If you're looking to make GENTL masks as a manufacturer or individual maker, these open source databases may serve as a reference for locating materials. For full details on appropriate materials, see the [Materials Selection Guidelines](#).



BARRIER LAYER

- For the non-woven outer layer
- Ideally medical SMS

DATABASE

[BARRIER LAYER](#)

Suppliers of barrier layer:
[add your company](#)



FILTER

- For the inner filter
- Ideally MERV 13 equivalent or better

DATABASE

[FILTER](#)

Suppliers of filter:
[add your company](#)



ELASTIC

- For the strap
- Ideally latex-free
- Ideally < 0.5" width

DATABASE

[ELASTIC SUPPLY](#)

Suppliers of elastic:
[add your company](#)

CONTACT US IF YOU'RE INTERESTED IN EVALUATING THE MASK OR MANUFACTURING IT:

GENTL_Mask@epam.com

DRAWINGS & BILL OF MATERIALS:

<https://drive.google.com/drive/folders/1KuoJeEBToZh5dw8I54lp9GklcJ5swzzv>

MASK PRODUCTION OVERVIEW VIDEO:

<https://youtu.be/c9aMin8DRBQ>

DISCLAIMER EPAM Continuum is not looking for financial gains from this design. We are putting this into the public domain as an Open Source design with the desire to connect local manufacturers with local hospitals in need around the world in an effort to reduce the negative impact of Covid-19 and help to protect our healthcare professionals.

EPAM Continuum is offering the GENTL Mask design idea as an Open Source offering to the community during this public health emergency. These statements and the GENTL Mask are not intended to diagnose, treat, cure or prevent any specific diseases. The statements made with respect to the GENTL Mask have not been evaluated by the U.S. Food and Drug Administration or any other regulatory authority. The GENTL Mask has not been tested, nor has it been put through any necessary regulatory design review as may typically associated with medical design and development. Individuals or organizations that manufacture masks utilizing the design and specifications are responsible for any federal or state regulatory requirements that apply to the manufacture or distribution of masks intended for medical use. Individuals and organizations are free to use, copy, modify and share this design and specifications, including for commercial manufacture, without payment of any fees or charges, but may not assert ownership in the design and specifications or "GENTL Mask" mark, ownership of which belongs to EPAM Continuum. EXCEPT WHERE SPECIFICALLY PROHIBITED BY LAW, NO WARRANTIES OF ANY KIND ARE OFFERED FOR THE MASK DESIGN AND SPECIFICATIONS, INCLUDING WARRANTIES OF NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE.