

Innovation and Economic Development

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Innovative partnership for COVID-19 response

Overview

Hand Sanitizer

Masks and face shields

Intubation and transport aids

3D Printing

How you can help

Maine-made cloth face coverings and other consumer products

How to make a 3D-printed infrared thermometer

Masks and face shields

The UMaine-led innovation team is working directly with area hospitals to understand their needs and requirements as guidelines for masks often differ from hospital to hospital. UMaine has the research expertise and testing capacity to help validate alternative designs and assist hospitals with developing mask decontamination/sterilization protocols.

If your hospital would like help with mask decontamination/sterilization protocols, please send an email to UMSC19request@maine.edu and indicate your interest in decontamination/sterilization in the subject line.

The UMaine innovation team also is working closely with Maine hospitals and manufacturers to evaluate alternative materials and designs for masks that can be locally manufactured in the quantities needed. Currently, there are no producers of certified protective face masks for hospital use in the state of Maine.

Face Shields

Maine has a robust manufacturing capacity for plastic face shields. The manufacturers below can supply the needed components.

Plas-Tech (Gorham): Contact Terry Webber at 207.854.8324 or terry@plastechinc.biz

Thermoformed Plastics of New England (Biddeford): Contact Paul Tyson at 207.286.1775 or ptyson@tpne.com

Flowfold (Gorham): Contact Devin McNeil at 207.671.9328 or devin@flowfold.com

Maine Source Machining (West Newfield): Contact Chad and Nicole Humphrey at 207.793.2598

Mt. Waldo Plastics (Frankfort): Contact Mike Thibodeau at 207.223.5177

G&G Products (Kennebunk): Contact Gary Gagnon at 207.985.9100 or gary@ggproductsllc.com
(Note: G&G Products is targeting mid-April to begin shipments)

Pro-Knee (Whitefield): Contact 1800.549.5018 or info@proknee.com

Casco Bay Molding (Sanford): Contact 207.490.1000 or sales@cascobaymolding.com

Haystack Mountain School of Crafts (Deer Isle): Contact James Rutter at fablab@haystack-mtn.org or submit a request through their [online form](#) - face shields and ear savers to secure face masks available

Other shields

Welch Sign (Scarborough): For patient/staff shields at check-in and registration locations in medical facilities. Contact: Erik Joncas at 207.450.1659 or ejoncas@welchsign.com

If you are a manufacturer with capacity to respond to COVID-19-related needs, please contact John Karp of the Maine Manufacturing Extension Partnership at 207.841.6695 or johnk@mainemep.org.

Other items

For **Isolation Gowns**, please contact **CM Almy**

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