

Innovation and Economic Development

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

Intubation and transport aids

UMaine’s Advanced Manufacturing Center team has worked with the Maine Manufacturing Extension Partnership to build, test and start production of two variations of an “aerosol box” meant to protect frontline medical staff as they intubate or transport patients who may be sick with COVID-19. These boxes have been tested in area hospitals and are being manufactured by companies in Maine.

[Read more](#) about these products and find design specs and manufacturer information below.



PDF

UMaine AMC aerosol intubation box specs

Updated
4.21.20

[DOWNLOAD](#)



PDF

UMaine AMC negative pressure box specs

Updated
4.21.20

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The manufacturers below can respond to requests for intubation boxes.

Plas-Tech (Gorham): Contact Terry Webber at 207.854.8324 or terry@plastechinc.biz (negative pressure and aerosol designs available)

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

Velux America (Wells): Contact George Walker, plant manager, at 800.388.0293 or george.walker@velux.com

EZ Tops Worldwide (Calais warehouse): Contact eztops@xplorenet.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.

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