

## THRIVE Masks

March 23, 2020

# OUR MISSION



The outbreak of COVID-19 has highlighted how challenging it is for nations to effectively respond to global contagions. The United States does not have enough manufacturing capacity to provide N95 masks to all of its healthcare workers and citizens in times of need. The data shows that countries with abundant mask availability are reporting lower COVID-19 infection rates. As a team of experienced and passionate engineers, we knew we could help.

Our team at THRIVE has worked day and night to design masks using innovative manufacturing processes, groundbreaking materials science, and cutting-edge automation to deliver the world's first fully compostable N95-type respirator. We aim to achieve NIOSH N95 certification and build a factory in the United States with capacity to supply masks to those in need. We know that with your support we can make a difference and save lives!

# OUR TECHNOLOGY

THRIVE Masks are engineered for at least 95%\* filtration efficiency against certain non-oil based particles, making them the perfect option to protect yourself and loved ones from harmful airborne pathogens like bacteria and viruses.



Different from other masks on the market, THRIVE masks are designed to maximize your comfort and safety by utilizing four separate layers of electrostatically charged spun-bonded filter material, ultrasonic welded construction, and an innovative wiper seal for less leakage and easy fit.



Millions of masks are needed to help contain the COVID-19 pandemic, all of them are destined for a landfill, which is why we designed THRIVE to be the world's first fully compostable N95 style respirator.

N95 rated masks currently on the market are made from traditional plastics, contributing to plastic pollution globally, but THRIVE masks are made from 100% corn-based polylactic acid (a health and environmentally conscious compostable material). This means you can protect yourself without worrying about the environmental impact of using disposable masks.

At THRIVE we created the ultimate mask to protect your health and the environment – help us make a difference!

\*Our N95-type masks are engineered for at least 95% filtration efficiency against certain non-oil based particles. We are working towards completing ASME testing and NIOSH N95 certification.

\*Because factories take time to build and we know communities are in urgent need, we are partnering with international manufacturers to temporarily supply products while we break ground. We will be supplying healthcare workers and those on the front lines first.



**100% Compostable**

Made with corn-based PLA; compostable in 90 days  
in commercial composting facilities

# HOW THRIVE IS MAKING A DIFFERENCE

THRIVE will be accepting direct donations through gofundme **and** contributing a portion of all sales on Kickstarter to fund the purchase of certified N95 respirators for healthcare workers, EMTs, firefighters, and police. The donation option is immediately available. 100% of all donations will be dedicated to these critical shipments.

At THRIVE we believe whole-heartedly in the power of teamwork. We know that together we can overcome this crisis. As Margaret Mead once said, "never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it is the only thing that ever has".



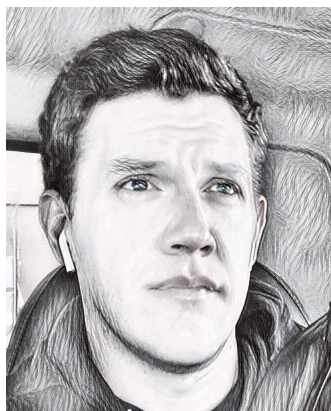
# WHO WE ARE



## DAKOTA BASS

Dakota Bass is an engineer, inventor, and entrepreneur with years of experience designing and implementing manufacturing solutions for many of the world's most successful products.

"We don't have enough mask-manufacturing capacity here in the United States. It's scary in times like this to be reliant on other countries for medical equipment and supplies. I want to build a mask factory here so that we can protect our healthcare workers and citizens now, and be better prepared in the future if something like this happens again."



## MATTHEW MOORE

Matthew Moore is an American operations manager and entrepreneur with a track record of building and leading some of the world's most innovative and successful global supply chains.

"The 2019-20 coronavirus pandemic will prove to be a defining moment for our generation. History will remember those who took positive action, no matter how small. At THRIVE we are leveraging our expertise as leading engineering and manufacturing professionals to combat this threat by bringing a better N95 mask to market. Each of us can make a difference, together we can change the world."



## EMILY BLAKER

Emily Blaker is a Doctor of Physical Therapy student in the UCSF/SFSU Doctor of Physical Therapy Program. She is passionate about healthcare, rehabilitation, and environmental conservation.

"I keep hearing every day from UCSF and from family in healthcare how bad this is. People are sewing masks by hand now. This is going to take a lot of work as a nation to beat, but we're seeing people from all over the world coming together to think of solutions. We knew that we could really help in this movement to stop the spread and keep those on the front lines safe."