

FOR IMMEDIATE RELEASE

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STUDY SHOWS NON-WOVEN MASKS MADE OF POLYPROPYLENE ARE MORE EFFECTIVE AT BLOCKING SPREAD OF COVID-19 PARTICLES THAN OTHER MASKS

American Elite PPE Is Producing Polypropylene Filter Material at Its Florida Facility

Ft. Walton, Florida ... A recent article in *The Guardian* reports a study showing that non-woven disposable masks made of polypropylene are better at blocking the spread of Covid-19 particles than cloth masks. The article states, “Face masks made from non-woven fabric are more effective at blocking the spread of Covid-19 via airborne respiratory droplets than other types that are commonly available, according to modelling in Japan by the world’s fastest supercomputer. Fugaku, which can perform more than 415 quadrillion computations a second, conducted simulations involving three types of mask, and found that non-woven masks were better than those made of cotton and polyester at blocking spray emitted when the wearer coughs, the Nikkei Asian Review said. ... The non-woven variety blocked nearly all droplets emitted in a cough, according to experts at Riken, a government-backed research institute in the western city of Kobe.”

American Elite PPE has established a manufacturing facility in Florida to begin U.S. production of non-woven filter material using polypropylene sourced from U.S. manufacturers. The melt blown material is being made by American workers using equipment that has been designed, manufactured, and machined in the U.S. with advanced machining techniques used in domestic high tech industries.

“We are proud to meet the need for U.S.-produced materials for these vitally important non-woven masks,” said American Elite PPE Founder and CEO Robert Sires. “Previously, most material was sourced from overseas, leading to delays and shortages. We started our company to take control of this crucial component of medical grade masks and gowns so that our country has a reliable, sustained source of material supply for the most effective personal protective equipment.”

American Elite PPE is currently taking orders for the melt blown filter material, in bulk and custom cut rolls. To order, call Ty Whitacre at 1-260-438-4491 or email Ty@aem-ties.com.

American Elite PPE is America's trusted manufacturing source for critical filter material, setting the standard for this vital material used in personal protective equipment. The company's vision is to protect families, healthcare workers, first responders, and workers in industry with its American-made melt blown nonwoven polypropylene. American Elite PPE is proud to offer this critical filtering medium made from raw materials produced in the United States, processed on equipment built in the United States and operated by American workers. For more information, visit www.ae-ppe.com.

Celebrating its 22nd anniversary, American Elite Molding is the parent company of American Elite PPE and America's leading manufacturer of nylon cable ties. Located in Crestview, Florida, its state-of-the-art ISO 9001-certified facility operates 24/7/365 and boasts the most advanced production processes in the U.S. AEM offers an extensive line of cable ties in a variety of lengths, tensile strengths, and colors, plus accessories such as mounting pads and cable clamps. American Elite Molding's specialty products include EZ-Off™ ties, releasable ties, custom-printed ties, and HVAC duct straps. All cable ties use virgin nylon 6/6 to guarantee superior quality and are UL Listed and Mil-Spec approved, including UL 62275 Type 21S. Every cable tie and fastener AEM makes uses materials that are 100% made in America from start to finish. Vydne® PA66 is entirely manufactured in America by Ascend Performance Materials and is designed to perform in the toughest environments. AEM maintains a full inventory of all cable ties for Just-in-Time delivery from regional stocking locations to its national distributor network. American Elite Molding is committed to continuous improvement in quality and service in all areas. The company focuses on customer success as well as satisfaction, and all American Elite Molding products are backed by a 100% satisfaction guarantee. For more information, call 1-888-463-3454, visit www.AmericanEliteMolding.com, or find AEM on Facebook.

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