



# WE PROTECT PEOPLE, MACHINERIES, AND THE ENVIRONMENT WITH OUR AIR FILTER MEDIA

AIR FILTRATION PLAYS AN IMPORTANT ROLE IN IMPROVING AIR QUALITY AND REDUCING THE LEVELS OF ENVIRONMENTAL POLLUTANTS, BOTH INDOORS AND OUTDOORS.

Air filtration stands as a crucial line of defense in enhancing air quality and curbing environmental pollution. Both indoors and outdoors, it performs the essential task of filtering out harmful particles, allergens, and pollutants from the air we breathe. Indoors, it ensures a safer, healthier living and working environment by reducing the concentration of particulates that can cause allergies or respiratory issues. Outdoors, air filtration systems in vehicles and industrial processes help mitigate the release of harmful emissions into the atmosphere, contributing significantly to the fight against air pollution. In essence, air filtration is a vital necessity in creating a healthier, safer, and cleaner world.

## OUR BENEFITS

- Efficiencies ranging from MERV 8 - MERV 16 (ASHRAE), ePM10 - ePM1 (ISO 16890), and G4 - F9 (EN779)
- Highest efficiencies exceeding 99.9%
- High DHC
- Low energy usage & pressure drop
- Available for pleatable and bag filter elements
- Variety of bonding technologies to combine different nonwovens to fully utilize benefits of individual technologies
- Global production sites
- Multiple technologies & nonwoven solutions
- Great tool kit for innovative products
- Fully equipped laboratories
- Long standing experience & know-how

# OUR SOLUTION PORTFOLIO FOR AIR FILTRATION APPLICATIONS

Air filtration works by trapping particulate matter such as dust and dirt, which can be harmful to our health when inhaled. The result is cleaner and healthier air free from dangerous contaminants. GESSNER air filter media nonwovens & nettings play an incremental part in filtering out harmful particles to ensure high air quality for people to breath and for machines to function.

At GESSNER, we provide different solutions covering all MERV & ISO 16890 efficiencies with our different nonwoven technologies. Find the perfect fit for your pleatable and bag air filter element in our products for applications such as **HVAC, air purification, air pollution control, gas turbine air intake, dedusting, and climate control.**



GESSNER'S SOLUTION & PRODUCT PORTFOLIO	
FILTER MEDIA	<p><b>NeenahPure® &amp; Delpore™ Meltblown Nonwoven Media</b> Meltblown nonwoven media manufactured trusted in many air filtration applications. Efficiencies ranging from MERV 8 - MERV 16 (ASHRAE), ePM10 - ePM1 (ISO 16890), and G4 - F9 (EN779)</p>
	<p><b>Delpore™ Thermal Bond Media</b> These unique nonwovens excel in air filtration applications ranging from MERV 6 to 10</p>
	<p><b>Alphastar™ Triboelectric Media</b> Electrostatic nonwovens - an ideal solution for highest MERV rates up to MERV 14</p>
	<p><b>Craneglas® Glass Nonwoven Media</b> Uniform density and flame retardancy help to use this wet-laid nonwoven as support for climate control</p>
PLEAT SUPPORT	<p><b>Naltex™ Extruded Diamond Netting</b> Customizable netting used to separate and pleat filter media to achieve specific performance requirements for air filter elements</p>
	<p><b>Delnet™ Apertured Films</b> Extruded apertured films offer the thinnest pleat support</p>
SCREEN	<p><b>Conwed™ Extruded Square Netting</b> Adds integrity to media whether used as pleat support or as a pre-filter, but also as protection and stabilization screen</p>