



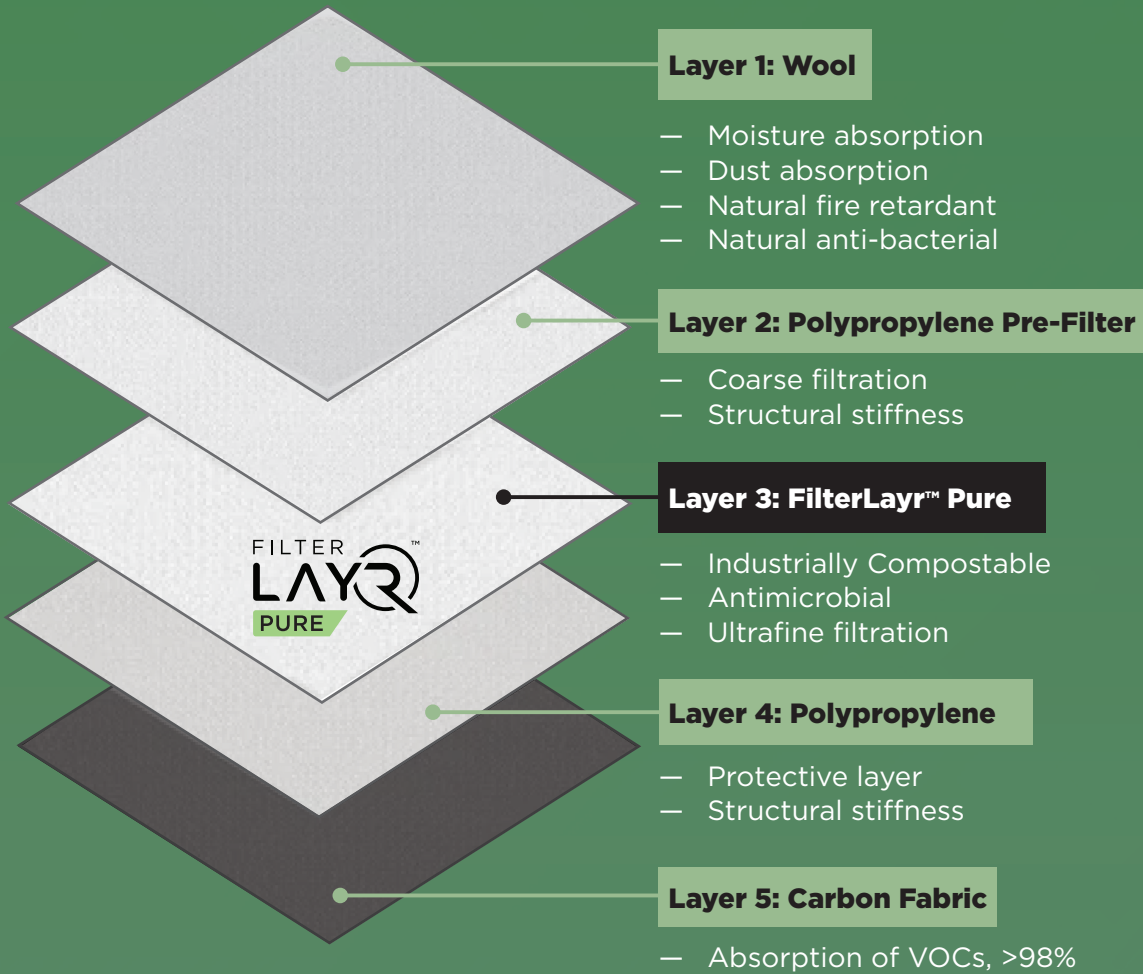
## **A high-performance air filtration membrane that can be functionalised for specific applications.**

**FilterLayr Pure redefines traditional filter media. FilterLayr Pure is electrospun nanofibre which can be infused with active additives designed to trap and neutralise even the smallest airborne particles, while still allowing excellent airflow rates.**

FilterLayr Pure filtration is able to trap microscopic airborne particles such as spores, allergens, bacteria and viruses.

Created using our proprietary 'Sonic Electrospinning Technology' method, it allows us to include functional additives to the chemistry of the nanofibre. It also guarantees the quality and high filter efficiency of the nanofibre.

## Make-Up and Functionality



FilterLayr™ Pure is NanoLayr's ISO 16890:2016 certified PM1 and ANSI/ASHRAE Standard 52.2-2017 MERV 15 rated filter media. Consisting of five functional layers infused with natural Manuka oil to provide bactericidal, virucidal and fungicidal properties within a Heat, Ventilation, and Air Conditioning (HVAC) filtration system.

Manufactured using NanoLayr's proprietary, Sonic Electrospinning Technology, with a patent pending formulation and bonded using ultrasonic welding, this product can be customized to be incorporated into different HVAC systems with varying flow rates.

## Applications

FilterLayr™ Pure can come in rolled goods for easy integration into a broad range of air filter media applications like pleated HVAC filters and other similar applications.

