

SUBMICRON FILTRATION

SUPERIOR
Felt & Filtration

TECHNOSTAT®

AIR & LIQUID FILTRATION SOLUTIONS

1-800-255-3358
www.superiorfelt.com

TRUPOR®
BEST-IN CLASS MICROFILTRATION MEDIA

MICRON FILTRATION

1150 Ridgeview Drive
McHenry, IL 60050

Superior Felt and Filtration offers a range of materials that are highly efficient against sub-micron particles. Many harmful airborne and suspended particles, including viral and bacterial particles, are less than 1 micron in size. The ability for a filtration system to effectively filter these sub-micron particles is critical to the wellbeing of humans and the protection of sensitive equipment.

Our Technostat® family of tribo-charged needle punched products are unique in providing a high level of sub-micron filtration with a very low pressure drop. This allows more compact filtration designs to be utilized. These products are used in markets like NIOSH (N95 masks), MERV 13 and higher (HVAC) markets and HEPA applications.

In fighting the battle against COVID19, Technostat® and our high alpha meltblown media are instrumental in viral and bacterial filtration used in lifesaving applications for ventilators, spirometry, respirators, surgical hoods and even sleep apnea applications. In addition to helping

the world breathe easier, these products are highly breathable and efficient, allowing for next generation devices to be more compact and portable, revolutionizing the high efficiency air filtration industry.

Trupor® is the latest breakthrough in liquid submicron filtration. Trupor® is a 100% Nylon 0.45µ and 0.65µ microfiltration media that meets and exceeds the performance of microporous cast membranes. Trupor® enables enhanced flow compared to traditional membranes, improving the ability to filter novel fluid streams. Its composite structure and superior pore size uniformity deliver consistent and reliable results in the key performance characteristics required by today's membrane buyers.

Trupor® can be utilized in multiple cross platform markets including biological fluids, process water, biopharmaceutical, semiconductor, food and beverage, API chemical and reagent grade chemical applications. Trupor® complies with U.S. FDA (21CFR), NSF / ANSI 61, USP Class VI. Trupor® is the best-in-class **submicron** filtration media for many medical and liquid filtration applications.