

Orthopedic



Superior Felt specializes in manufacturing custom nonwoven medical felt solutions to meet the most demanding applications.



We provide medical felt options that feature our proprietary skin-friendly, hypo-allergenic PSA (pressure sensitive adhesive). With state-of-the-art converting capabilities, Superior Felt manufactures & stocks all of the popular corn, arch, heel, meta-tarsal, callus and dancer pads for bulk delivery. We also stock MPAD felt rolls for custom jobs.

Wound Care

Superior Felt & Filtration can engineer a custom composite to meet your most immediate needs, including incorporating carbon and or high efficiency breathable layers for added benefits. Nonwovens for medical wound care are typically designed for varying levels of fluid absorption. Our skillfully engineered medical nonwovens are available in a variety of weights and fiber blends to meet your specific fluid absorption requirements.

FDA and/or NSF certified fiber



Cosmetic-Hygienic

Nonwoven hygiene products are primarily used in personal and cosmetic applications such as:

Industrial Wipes Non woven fabric for hygiene textiles.

- Food Prep Wipes
- Household Wipes
- Surface Cleaning
- De-Dusting
- Personal Wipes



Quality

Superior Felt is an ISO 9001 certified company. We have maintained this certification since 2007 and have continually focused on quality. We are dedicated to meet and exceed customer needs and expectations.

Engineers on staff for quality assurance purposes.

Superior features onsite testing capabilities for our customers that include: Dimensional, CFM, Filter efficiency, and Tensile strength



Superior Felt & Filtration LLC. is an ISO 9001 Certified Company.



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SUPERIOR

Felt & Filtration



Medical Nonwovens

& HIGH EFFICIENCY FILTRATION SOLUTIONS



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Featuring



HV

Hollingsworth & Vose

Technostat® is the sole property of Hollingsworth & Vose

NONWOVEN MARKETS

Respiratory

Our filters have passed stringent biocompatibility requirements set by the FDA and have proven to be highly efficient in terms of protection against viruses and bacteria. Our benchmark testing done at Nelson Labs has resulted in hydrophobic filters obtaining up to 99.99999% efficiencies against the transmission of harmful particles.

Heat sealed composites with hydro-phobic barriers



Filter media solutions for medical respiratory device manufacturing



Sleep Apnea

Turn-key medical packaging for consumer markets

Superior Felt & Filtration can develop critical filtration media



The most common treatment for sleep apnea is a device called a CPAP or Continuous Positive Airway Pressure device. Superior Felt and Filtration has developed filtration solutions for larger particulate filtration like pollen and small particulate filtration like sub micron bacteria. Our breathable, highly efficient nonwoven materials allow high levels of filtration on devices that are becoming more compact and portable.

1-800-255-3358

Personal Protection

NIOSH Prequalification Lab on site



Passes NIOSH & European EN143 and EN149 standards



Superior Felt & Filtration has a long history of supplying and developing cutting edge respirator technology. Through the use of our Tribo-Electric media, Technostat and our various melt blown media options, our experts can help your company pass some of the most stringent international respirator standards. We can provide media solutions that will perform above and beyond these requirements.

Industrial Filtration

Superior Felt & Filtration offers a wide range of nonwoven synthetic products for liquid (micron) and air (CFM) rated applications. Many of these products are used in the liquid and dust bag filter industry. With over 160 years of combined experience in high quality manufacturing, our experts can design a custom product that will exceed our customer's expectations and will place them at the apex of their industry. Our value added services, such as in-line singeing and glazing abilities, allow us to manufacture specific fiber blends to meet 25-600+ CFM and 1-200 micron levels for liquid and air applications.

Pleat-able, support options

HVAC filter material for mid to high MERV rated applications



H.E.P.A

Most HEPA filters consist of a rigid frame into which a filter pack, constructed by folding a continuous sheet of media into closely spaced pleats, is sealed. Conventional HEPA media can consist of melt blown or electrostatically charged fibers randomly oriented which utilizes some fairly complex mechanical principles to achieve its effectiveness on sub-micron particles. Over the years filter manufacturers have developed different methods and materials for maintaining the spacing of the pleats all in an effort to optimize media surface area and reduce air flow resistance.

H-10 to H14 Classified Materials

Our filter media is available in sheet form.



Sub-Micron Filtration

Electric-charged Nonwovens



Technostat® is the sole property of Hollingsworth & Vose.

Most harmful airborne and suspended particles are less than 1 micron in size, so the ability for a filtration system to effectively filter these out is crucial. In both air & liquid applications, the right sub-micron fibers can be used as part of a system to effectively filter particulates smaller than 1 micron in size. 1 micron (or micrometer) is 0.001 millimeters (0.00003937 inches).

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