



Viking Precision Micron-Rated Felt

Viking Micron Rated Felt, offered by Great Lakes Filters, is a high-performance nonwoven textile created by mechanically interlocking fibers using barbed needles. This process results in durable, versatile materials with tailored properties such as absorbency, flexibility, and resistance to heat and chemicals. This textile was engineered to meet the demands of industries requiring advanced filtration, insulation, and protective solutions.

We provide a comprehensive selection of high-performance micron rated felts, expertly designed for both liquid and air filtration. Our advanced materials ensure superior efficiency in applications such as dust collection, HVAC systems, and HEPA-grade air purification. From high-efficiency particulate filtration to ultra-fine, sub-micron liquid filtration, we deliver solutions that enhance performance, reliability, and purity in every process.



Key Characteristics

Spunlace fabrics are characterized by:



DURABILITY

Highly resistant to wear and tear, ensuring long-lasting performance.



VERSATILITY

Serves various functions: moisture absorption, chemical resistance, and heat insulation.



CUSTOMIZABILITY

Available in a range of thicknesses, weights, and finishes for diverse applications.



ECO-FRIENDLY

Can incorporate recycled or sustainable fibers to support environmental initiatives.



COST-EFFECTIVE

Efficient production processes make our Felt an economical solution for multiple industries.



Features

Great Lakes Filters Premium Viking Micro Rated Felts are Designed for Industrial Performance.

- ✓ **High-Quality Fibers:** Carefully selected synthetic, natural, and blended fibers for optimal functionality.
- ✓ **Precision Manufacturing:** Engineered to meet strict quality and performance standards.
- ✓ **Specialized Treatments:** Enhanced through heat setting, calendaring, or chemical processing to meet specific industry needs.
- ✓ **Custom Solutions:** Manufactured to exact specifications, ensuring seamless integration into unique applications.

Applications

The versatility and adaptability of spunlace fabrics make them ideal across diverse applications:



FILTRATION & INDUSTRIAL

Air Filtration: HVAC systems, dust collection, HEPA filters, and industrial air purification.

Liquid Filtration: Engineered for precise filtration in food processing, pharmaceutical, and chemical industries.

Geotextiles: Provides soil stabilization, erosion control, and drainage solutions in construction and infrastructure projects.



MEDICAL & PHARMACEUTICAL

Sterile Packaging:

Contamination-resistant materials for medical-grade packaging.

Support Padding: Soft yet durable felt used in orthotics, braces, and surgical applications.

Protective Barriers:

Breathable, absorbent layers for wound care and medical filtration.



AUTOMOTIVE & TRANSPORTATION

Acoustic Insulation: Reduces noise and vibration in vehicle interiors.

Thermal Insulation: Heat-resistant layers for engine compartments and under-the-hood applications.



CONSTRUCTION & INFRASTRUCTURE

Roofing Underlayments:



Provides a moisture-resistant barrier to improve roof durability.

Acoustic Panels:



Noise-reducing materials for commercial and residential buildings.

Protective Covers: Weather-resistant layers for equipment, scaffolding, and temporary enclosures.



MILITARY AND DEFENSE

Ballistic Protection:



Reinforcement layers for body armor and helmets.

Equipment Covers:



Durable, weatherproof covers for sensitive military gear.

Vehicle Interiors:



Lightweight, impact-resistant materials for military and tactical vehicles.



AEROSPACE & SPECIALTY INDUSTRIES

Lightweight Insulation:



Fire-retardant, soundproofing materials for aircraft interiors.

High-Performance Padding:



Protective layers used in aerospace safety gear.

Vibration Dampening:



Absorbent materials to minimize mechanical vibrations in sensitive applications.

Why Choose Viking Micron-Rated Felt?



PROVEN EXPERTISE

Decades of experience supplying high-quality Felts.



CUSTOM TAILORED SOLUTIONS

Engineered to meet the exact performance requirements of each application.



ECO-CONSCIOUS MANUFACTURING

Sustainable options incorporating recycled fibers.



RELIABLE PERFORMANCE

Consistent quality and innovation for demanding industrial applications.

Great Lakes Filters: The Standard for Reliability and Innovation

Great Lakes Filters' contracts Felt lines in North America, Europe, and Asia to provide exceptional durability, adaptability, and efficiency, making them the preferred choice for industries requiring high-performance materials. Whether for filtration, insulation, automotive, or aerospace applications, contact us to speak directly to an application engineer.



GREAT LAKES FILTERS

Technical Fabrics & Filtration

Filtration Felt Micron Rated Felt

Contact Great Lakes Filters

Need assistance in maximizing manufacturing efficiencies to ensure quality and optimize costs? Call or email us today and one of our skilled team members will lead the way. [\(800\) 521-8565](tel:8005218565) ~ info@acmemills.com