FIBERLINK INC.
www.fiberglassfiberlink.com

Technical Data Sheet Glass Micro Fiber Filter Media

FiberLink glass micro fiber filter media, comprised primarily of glass micro fibers, are produced with a wet laid process similar to those used for the production of paper. FiberLink glass filter media are available with efficiencies range from ASHRAE (F6 – F9) to ULPA (U15 – U16). Providing 100% mechanical efficiency, FiberLink glass micro fiber filter media do not rely on an electrostatic charge and will not lose efficiency over time.

FiberLink glass micro fiber filter media products may be laminated for applications requiring increased physical strength.

Characteristics

- Customer-engineered to meet specific application requirements
- Designed for all types of pleating equipment
- For use in Deep-and mini-pleat applications
- Designed for use in all types of air filtration applications
- Engineered to meet or exceed HVAC and Air intake performance requirements
- High uniformity for consistent filtration performance under laminar flow conditions
- High dust-holding capacity
- Laminated, antimicrobial treated, and other combinations are available and can be designed to meet specific application requirements.
- Single- or dual-phased ASHRAE media

Applications

- Industrial Cleaning Rooms
- Food Processing
- Genetic Research
- Hospital Operating Rooms
- Mainframe Computers
- Microelectronic Component – Manufacture and Assembly
- Nuclear Containment
- Personal Respirators
- Pharmaceutical Processing
- Compressor Inlet Filtration
- Equipment Intake/Exhaust Air
- Gas Turbine Air Intake
- High-Temperature Industrial
- HVAC System
- Paint Spray Booth
- Prefiltration for HEPA Systems
- Home Air Conditioners
- Residential Furnace Filters
- Room Air Purifiers
- Vacuum Exhaust Filters

Packing and Storage

FiberLink Glass Micro Fiber Filter Media is wound on cardboard tubes of the same length as the media. The rolls are wrapped in polyethylene film and packed in cartons (1 roll per carton), which are then packed on pallets (4 cartons per pallet).

Specifications

ASHRAR										
Grade	Basis Weight		Pressure Drop (0.3um @ 5.3cm/s)	Tensile MD	Tensile CD	Efficiency (0.3um @ 5.3cm/s)	Thickness	LOI	Water Rep	Stiffness MD
	g/m^2	$lbs/3000ft^2$	≤Pa	KN/m		≥%	mm	≤%	≥Pa	mgs
C-F9	70±4	43±2.5	70	0.9-1.15	0.6	80	0.33 ± 0.02	7	3500	850
C-F8	70±4	43±2.5	37	0.9-1.15	0.6	50	0.33 ± 0.02	7	3500	850
C-F7	70±4	43±2.5	30	0.9-1.15	0.6	40	0.33 ± 0.02	7	3500	850
C-F6	70±4	43±2.5	20	0.9-1.15	0.6	30	0.33 ± 0.02	7	3500	850

HEPA										
Grade	Basis Weight		Pressure Drop (0.3um @ 5.3cm/s)	Tensile MD	Tensile CD	Efficiency (0.3um @ 5.3cm/s)	Thickness	LOI	Water Rep	Stiffness MD
	g/m^2	$lbs/3000ft^2$	≤Pa	KN/m		≥%	mm	≤%	≥Pa	mgs
C-H14	74±4	45.5±2.5	380	1.0-1.25	0.68	99.995	0.34 ± 0.02	7	5000	950
C-H13	74±4	45.5±2.5	290	0.9-1.15	0.6	99.97	0.34 ± 0.02	7	5000	900
C-H12	74±4	45.5±2.5	230	0.9-1.15	0.6	99.8	0.34 ± 0.02	7	5000	900
C-H11	74±4	45.5±2.5	180	0.9-1.15	0.6	98	0.34 ± 0.02	7	5000	900
C-H10	74±4	45.5±2.5	110	0.9-1.15	0.6	94	0.34 ± 0.02	7	5000	900

ULPA										
Grade	Basis Weight		Pressure Drop (0.12um @ 1.7cm/s)	Tensile MD	Tensile CD	Efficiency (0.12um @ 1.7cm/s)	Thickness	LOI	Water Rep	Stiffness MD
	g/m^2	$lbs/3000ft^2$	≤Pa	KN/m		≥%	mm	≤%	≥Pa	mgs
C-U16	76±4	47±2.5	470	1.0-1.25	0.68	99.9999	0.34 ±0.02	7	5000	950
C-U15	76±4	47±2.5	420	1.0-1.25	0.68	99.999	0.34 ±0.02	7	5000	900

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