



Better Air is Our Business®

AmericanAirFilter® Replacement Cartridge Filters

For Gas Turbine Air Filtration

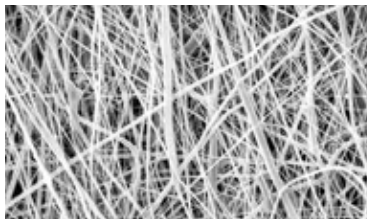
AAF High Velocity Air Inlet Filters

- Choose high performance media to match your operating environment and the operating performance you desire
- Uniform pleat spacing with hot melt spiral glue bead holds media in place maintaining full-surface availability
- 360° seamless (polyisoprene) gaskets eliminate bypass with a 100% seal
- Rugged construction means long life
- Variety of lengths and diameters are available to meet specific media volume requirements
- Built for both static and self-cleaning (pulse) operations
- Numerous variations of cylindrical and conical filters are mated to meet your requirements
- Composite filters with all media and material options are available
- Replace OEM manufactured filters and materials with stainless steel or galvanized expanded mesh liners, and end caps

DuraShield®

Developed by AAF, DuraShield cartridge filters offer the industry's highest filtration efficiency with minimal pressure drop. DuraShield cartridge filters are made of meltblown synthetic fibers which are bonded to AAF DuraKlean (80/20) filter media. The combination is a superior media with excellent performance.

DuraShield cartridge filters help minimize compressor blade fouling and increase turbine output by capturing more of the small particulate while minimizing airflow restriction.

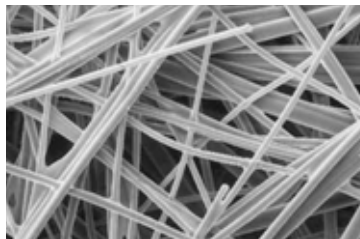


DuraShield® Synthetic Media:
Meltblown synthetic fibers bonded to DuraKlean enhances performance and efficiency.



HydroKlean

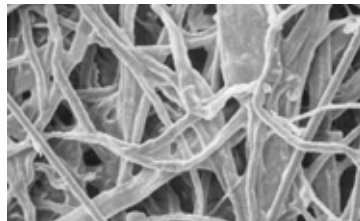
AAF HydroKlean media is a proprietary blend of synthetic fibers offering superior dust holding efficiency. With exceptional wet burst strength and moisture resistance, HydroKlean cartridge filters are well suited for high moisture content applications. The HydroKlean cartridge filter's low pressure drop helps reduce energy costs.



HydroKlean Synthetic Media:
Sturdy, durable, and moisture resistant man-made fiber offers superior dust holding efficiency.

DuraKlean

DuraKlean media is excellent for most dry dust collection applications. The media is composed of a cellulose and polyester blend of resin encapsulated fibers. This durable media is designed for rugged industrial environments.



DuraKlean 80/20 Synthetic Media:
Durable blend of natural fiber and man-made synthetic offers high dust holding efficiency.

Replacement Cartridge Filters

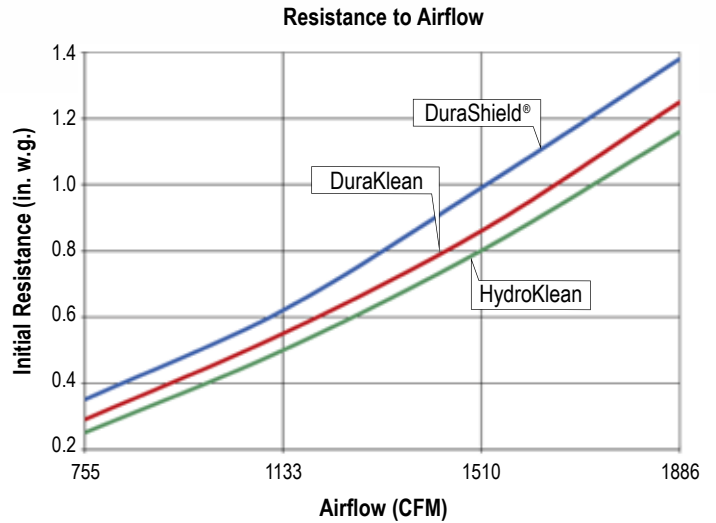
Prefilters

- Prefilters for static systems are the first line of defense against contaminants for all cylindrical, conical, and composite filters.
- Prefilters help protect the pleat and extend the life of the final filter.
- Typically changed four times more often than the final filter.
- The prefilter for the composite can be purchased with or without the spring clip.

AAF World-Class Quality

Manufactured to ISO 9001:2000 quality standards, each AAF cartridge filter element provides outstanding performance and value.

AAF Cartridge filters are fully inspected throughout the manufacturing process from incoming raw materials to finished products. All AAF cartridge filters are individually quality inspected prior to shipping.



Performance Data

	DuraKlean Cartridge Filters	HydroKlean Cartridge Filters	DuraShield® Cartridge Filters
Media Substrate	Cellulose/Polyester Blend	Synthetic	Cellulose/Polyester Blend w/ High Efficiency Synthetic Layer
Maximum Operating Temperature	170°F/76°C	200°F/93°C	170°F/76°C
Flame Retardant	Optional	None	Optional
Minimum Efficiency Reporting Value (MERV)	11	11	15
Average Efficiency (ASHRAE 52.1)	95%	90%	97%
Average Arrestance	99%	99%	>99%
Filter Class (Using EN779 Test Protocol)	F8	F8	F9
Final Resistance (Recommended)	4.0 in. w.g.	4.0 in. w.g.	4.0 in. w.g.

DuraShield® is a registered trademark of AAF-McQuay Inc. in Canada and the U.S..



AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

ISO Certified Firm

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