



Better Air is Our Business®



AmericanAirFilter® PolyKlean™

Synthetic Air Filter Medias

Choose from three medias to meet a variety of application requirements:

- **Lightweight**
- **Easy to handle**
- **Available in pre-cut pad sizes**
- **Also full length slit width rolls**
- **Fully incinerable**
- **Excellent arrestance**
- **Not affected by moisture**
- **Non-toxic, non-allergenic**
- **High dust holding capacity**
- **Tough, durable, resilient 100% polyester fibers**

Applications

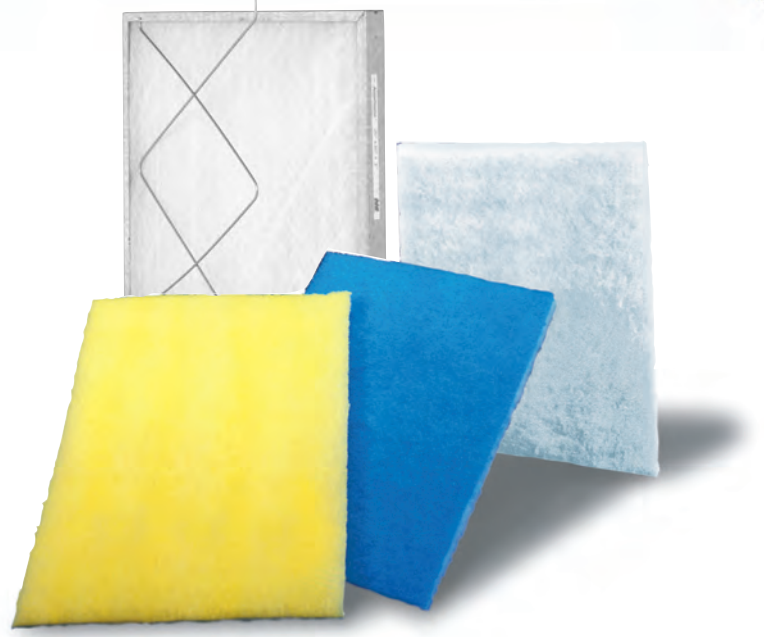
PolyKlean™ filter medias are made from tough polyester fibers bonded with a fire retardant resin to form a variety of high loft medias structured for performance, economy, and long service life.

Protect HVAC Coils and Ducts

PolyKlean medias are widely used in commercial HVAC systems and in unitary equipment including unit ventilators, fan coil units, and packaged terminal air conditioners to protect the heat transfer surfaces and ductwork from accumulating a build up of dust and dirt.

Extend Final Filter Life

Prefilters reduce operating costs by extending the life of higher efficiency final filters. PolyKlean filter medias remove the larger, heavier particles that would quickly plug up high efficiency extended surface filters.



High Loft Fiber Structure Maximizes Filter Surface Area

PolyKlean medias are formed into a high loft mat with an extremely large amount of fiber surface area and a complex maze of fiber intersections. The intricate fiber structure holds more dirt with less resistance.

Engineered for IAQ Using Antimicrobial

PolyKlean Gold filters with antimicrobial are engineered to improve Indoor Air Quality (IAQ). The antimicrobial acts as a preservative to ensure the integrity of the media throughout the useful life of the filter, and inhibits the growth of microorganisms documented to affect IAQ.

Save with PolyKlean™ Media and AmerFrame® Holding Frames

PolyKlean filter media pads are designed for installation in permanent metal frames. Substantial cost savings can be achieved by using pads and frames compared to disposable panel filters. The cost of the frames is quickly recovered after only a few changeouts.



AmerFrame® filter media frames are available in 1" and 2" thickness for installations into standard 2" universal holding frames. They are built rugged for years of dependable service.



Synthetic PolyKlean™ Gold

Commercial grade media for medium to heavy dirt loading conditions. Manufactured with antimicrobial.



PolyKlean™ Blue

Commercial grade media for medium to heavy dirt loading conditions.



PolyKlean™ White

Standard grade media for light to medium dirt loading conditions.

Best Performance

- Antimicrobial preserves the media
- 1" and 2" thickness, gold tint on the air leaving side
- Blended dual denier fiber construction
- Pressure sensitive dry tack adhesive on air leaving side

Better Performance

- ½", 1", and 2" thickness, blue tint on the air leaving side
- Blended dual denier fiber construction (1" and 2")
- Pressure sensitive dry tack adhesive on air leaving side

Good Performance

- ½", 1", and 2" thickness, solid white in color
- Blended dual denier fiber construction (1" and 2")
- PolyKlean White is dry — no adhesive

Performance Data

Media Type	Rated Initial Resistance (in. w.g.)			Rated average Arrestance (%)		Recommended Final Resistance (in. w.g.)
	300 FPM	500 FPM	625 FPM	300 FPM	500 FPM	
PolyKlean Gold with Antimicrobial (Pressure Sensitive Dry Tack Adhesive on Air Leaving Side)						
1"	.19	.32	.49	90-95	80-85	1.0
2"	.20	.44	.60	90-95	80-85	1.0
PolyKlean Blue (Pressure Sensitive Dry Tack Adhesive on Air Leaving Side)						
½"	.14	.28	N/R	85-90	70-75	0.5
1"	.19	.32	.49	90-95	80-85	1.0
2"	.20	.44	.60	90-95	80-85	1.0
PolyKlean White (Dry)						
½"	.16	.30	N/R	80-85	65-70	0.5
1"	.20	.32	.43	90-95	75-80	1.0
2"	.24	.45	.60	90-95	80-85	1.0

All performance data is based on ASHRAE Standard 52.2. Performance tolerances conform to Section 7.4 of ARI Standard 850-93.

Temperature Limits

Storage Temperature

-40°F to 220°F
-40°C to 104°C

Maximum Continuous Operating Temperature

175°F/79°C

Underwriters Laboratories Classification

All PolyKlean filters are UL Classified. Testing was performed according to UL Standard 900.



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

ISO Certified Firm