



## ATI – All Products Brochure

Air filtration products for the commercial, industrial and institutional markets



ENGINEERING YOUR SUCCESS.

# Mission Statement/Applications

ATI is a team of market driven, problem solving professionals. Honesty and integrity compliment ATI's unique products focusing on environmental air quality concerns. As a service-oriented manufacturer, ATI partners with industry to provide cost effective products. ATI is a leader in product development through a continuous R&D program.

ATI has the manufacturing capabilities, multi-location facilities, technology, dedicated work force, quality control, production planning, engineering and management planning to compete favorably at a world class level.

Product design parameters are established based on individual market needs. These parameters include reliability, conformance, durability, serviceability, product performance with overall quality control to effectively exceed industry standards.

Air Technologies, Inc. sales and marketing efforts are unparalleled in providing the expertise to evaluate the individual customer needs and provide a "cost effective solution".

## Industries Served:

- Aerospace
- Aluminum Extrusions
- Appliance
- Automotive
- Boat Manufacturers
- Cabinets
- Caskets
- Computer Cabinetry
- Diesel Engines
- Farm Equipment
- Heating Equipment
- Luggage
- Metal Fabricators
- Motor Manufacturers
- Office Furniture
- Outboard Engines
- Plastic Parts
- Recreational Products
- RV Vehicles
- Tool Boxes
- Truck Bodies
- Water Heaters
- Wood Products

## Contaminants Collected:

- Air Dry Enamels
- Bake Enamels
- Corrosion Inhibitors
- Elastomerics
- Fiberglass
- Gelcot
- Grinding Dust
- Lacquer
- Maskant
- Oil Mist
- Plural Component
- Polyester High Solids
- Poulane
- Powder Paints
- Primers
- Spray Lat
- Stains
- UV Paint
- Waterborne



# HVAC & Intake Air

## HT™ Panels & Links

- MERV 8 Performance
  - Moisture resistant polyester Media
  - 3-ply media
  - Self Sealing (no clips required)
- Brochure ATI-101*



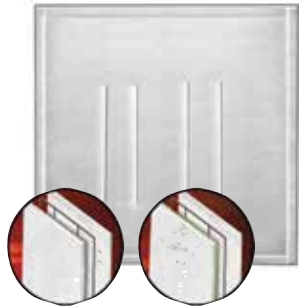
## SD Panels & Links

- MERV 8 Performance
- All white media with inside tackifier
- Self Sealing
- 86% efficient on 7-10 microns



## Activator Panels & Links

- Designed for applications with high humidity or varying temperature conditions
  - 2-ply & 3-ply options
  - Excellent pre-filter
  - 2-ply MERV 6
  - 3-ply MERV 7
- Brochure ATI-ACT-309*



## Series N Panels & Links

- 2-ply Media
  - Self Sealing
  - Internal wire frame
  - Moisture resistant Polyester
  - MERV 6
- Brochure ATI-SERIES N-309*



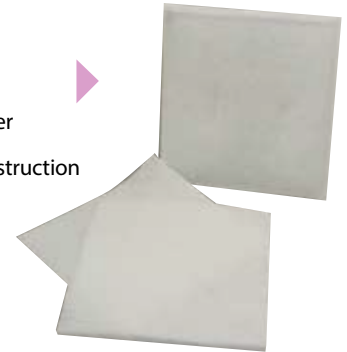
## CS Panels & Links

- MERV 8 Performance
  - 2-ply Media
  - Dense Needled Back (Yellow Side)
  - Self Sealing
  - Available in 1/2" "Wrap" construction
- Brochure ATI-108*



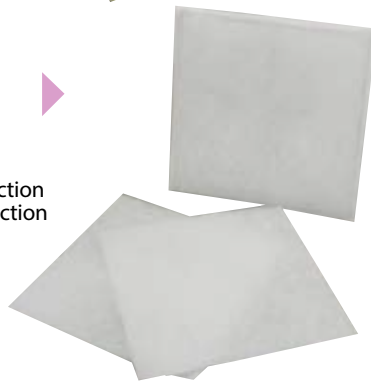
## Tack Panels & Links

- MERV 8
- Polyester media with tackifier
- Self Sealing
- Available in 1/2" "wrap" construction



## PR Panels & Links

- MERV 7
- Low resistance
- Upgrade from fiberglass
- Polyester Media - Open construction
- Available in 1/2" "Wrap" construction



## AM/HT™ Panels & Links

- Antimicrobial treated media
- Available in panels or links
- Moisture resistant Polyester
- Designed to remove dust, mold, pollens, and spores
- 85-90% Arrestance



## ATI Diffusion Max Series Filters (ATI-1, ATI-300, ATI-600)

- 100% effective at removing 10+ microns
  - Synthetic fleece media
  - Coated with non-migratory tackifier
  - Final filter for paint booth intakes
- Brochure ATI-DIFFMAX-508*



## CD™ Panels & Links

- 100% effective at removing 10+ microns
- Self Sealing (no bypass)
- Dense, needled backing
- Final filter for Paint Booth Intakes
- MERV 12



# HVAC & Intake Air

## Ultra™ II Bags

- MERV 8 Performance
  - Dual layer polyester media with tackifier on downstream side
  - High dirt holding capacity
- Brochure ATI-103*



## LT™ Bags (Tack 100 Bag)

- MERV 10 Performance
- 3-ply media
- Self supported pocket construction
- Moisture resistant polyester



## HT™ Bags

- MERV 10 Performance
  - 3-ply media construction
  - Available in 15 & 20" depths
  - Self Sealing
- Brochure ATI-102*



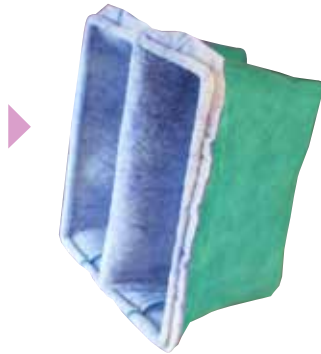
## SynPak™

- 35 - 40% efficiency, MERV 8
  - 3 ply media construction
  - 15" deep, 2, 3 or 4 pockets.
  - Self Sealing
- Brochure ATI-SYN-908*



## Ultra™ HT Bags

- Designed for Oil Mist collection
- Low initial resistance
- Efficiency on Oil Mist 92.7%



## Bio-Pure™ Polyester Media

- 1/2", 1", 2" thicknesses
- Available in pads and bulk rolls
- 85 - 90% arrestance



## Blue/White Poly Pads

- 1" Thicknesses (1/2" available in white only)
- Commonly used in the pad and frame industry
- Common and custom sizes available



## StreamLine™ Polyester Medias

- Select from three choices of media thicknesses - 1/2", 1", 2"
  - Made from multi-denier, recycled poly fibers
  - Tackifier increases particle retention
  - 85 - 95% arrestance
- Brochure ATI-STREAM-608*



## Foam Media

- 1/4", 1/2", 1" thicknesses
  - Washable
  - Operates at -50°F to 250° F
  - 55 - 65% arrestance
- Brochure ATI-FOAM-1008*



# Exhaust Filters & NESHAP

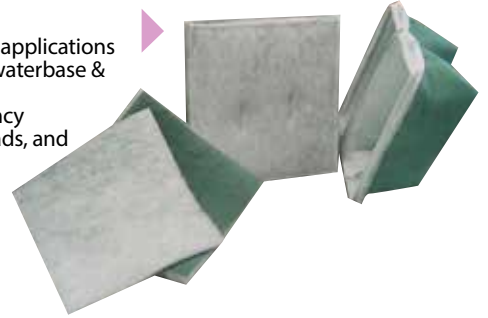
## Ultra™ Supreme Media

- Larger denier fiber used on air entry side to create more open front
- Reduces faceloading
- 99.33% removal efficiency
- Offered in blankets, pads, and bulk rolls
- Can be used as a Prefilter



## Ultra™ II Media

- Great for high volume applications
- Tackified for powder, waterbase & primer paints
- 99.7% removal efficiency
- Offered in blankets, pads, and bulk rolls
- Can be used as a Prefilter



## Tack Media

- High paint holding capacity
- Applications flexibility
- Tackified
- 99.73% removal efficiency
- Offered in blankets, pads, and bulk rolls
- Can be used as a Prefilter



## Ultra™ Media

- High paint holding capacity
  - Applications flexibility
  - 99.76% removal efficiency
  - Offered in blankets, pads, and bulk rolls
  - Can be used as a Prefilter
- Brochure ATI-107*



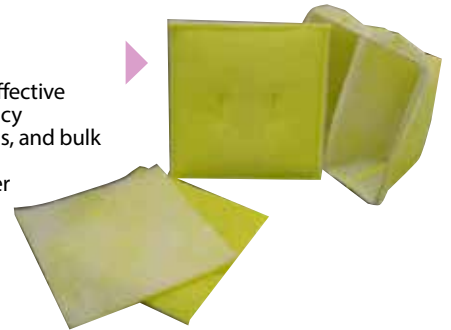
## Red Media

- 100% Polyester
- Paint & glue overspray, sanding dust
- Offered in blankets, pads, and bulk rolls
- 99.6% removal efficiency
- Can be used as a Prefilter



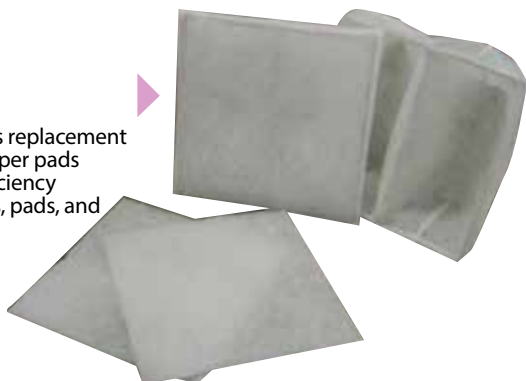
## CS Media

- High performing cost effective
  - 99.48% removal efficiency
  - Offered in blankets, pads, and bulk rolls
  - Can be used as a Prefilter
- Brochure ATI-108*



## PR Media

- Commonly used as replacement for fiberglass or paper pads
- 92.4% removal efficiency
- Offered in blankets, pads, and bulk rolls
- Can be used as a Prefilter



## Channel Media

- 30-100% longer service life
  - Designed for high volume booths
  - 99.79% removal efficiency
  - Offered in blankets, pads, and bulk rolls
  - Can be used as a Prefilter
- Brochure ATI-106*



\* All products on this page, except Ultra Supreme and PR media, meet new EPA requirements for 40 CFR Part 63 Subpart HHHHHH.

# Common Used Coatings

Commonly Used Coatings	Standard Media - Blankets and Pads						
	PR	CS	Red	Ultra	Tack	Ultra II	Channel
Air Dry Enamels	G	G	B	B	B	E	B
Bake Enamels	B	G	E	E	G	B	B
Polyester High Solids	E	B	E	E	B	B	E
Stains	B	G	E	E	G	B	E
Lacquers	E	B	E	E	G	B	E
Primers	G	G	B	B	E	E	B
Waterbase	G	G	B	B	E	E	E
Spray Lat	B	G	E	E	G	B	E
Adhesives	E	G	E	E	G	B	E
Gel Coat	E	G	E	E	G	B	E
Powder	G	G	B	B	E	E	B
Clearcoat	G	G	E	E	B	E	E

NOTE: These are recommendations only. For more detailed information please contact the manufacturer.

## SCALE:

**G = Good**

**B = Better**

**E = Excellent**

*Clean Exhaust Fan*



*Clean Exhaust Stock*



*Clean Back Plenum*



*Removal of Bag*



# Exhaust Filters & NESHAP

## Three Stage NESHAP Systems for New Booths

### A-3000™ System

- Exceeds NESHAP requirements for new sources (3 stage)
  - A-3000 bag exceeds NESHAP as a stand alone
- Brochure ATI-105*



### OSM-2000 System

- Exceeds NESHAP requirements for new source (3 stage)
- Multiple pockets available



### OSM-1000 (PE Cell)

- Exceeds NESHAP requirements for new source (3 stage)
- Microglass paper media



## Two Stage NESHAP Systems for Existing Booths

### ATI-500 System

- Exceeds NESHAP requirements for existing booths
- Charged media for lower resistance & higher efficiency



### OSM-100™ System

- Exceeds NESHAP requirement for existing booths
  - Unique latex backing
  - Self-Sealing, no clips required
- Brochure ATI-104*



### OSM-200 System

- Exceeds NESHAP requirements for existing booths
  - Inside tackifier for drier particulate
  - Self-Sealing, no clips required
- Brochure ATI-OSM200-309*



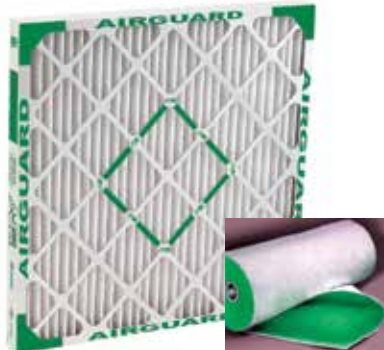
### OSM-300 System

- Exceeds NESHAP requirements for existing booths
- Multiple pockets available
- Metal header frame. Clips required



### AP-100 System

- Exceeds NESHAP requirements for existing booths
- Poly backed fiberglass 1st stage
- 4" MERV 11 pleat 2nd stage



# Hardware and Holding Frames

## Hook Sections

- Available in 4' sections



## Snapper Bars

- Available in 10" - 60" sections



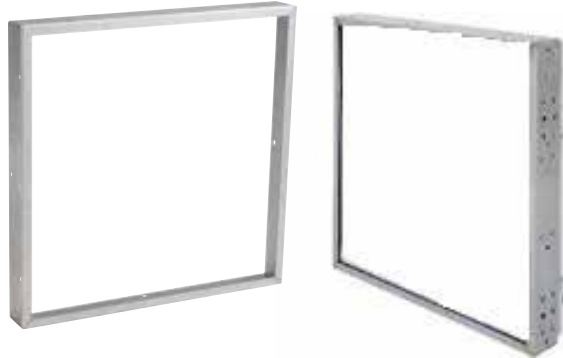
## Master Lock

- Available in 10' lengths



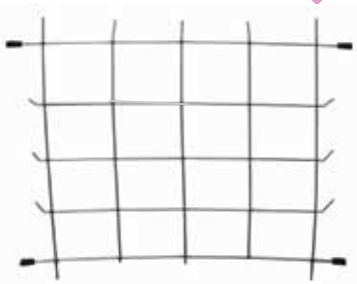
## L-Frame

- Common sizes available



## Paint Grids

- Common sizes available



## Airflow Monitors

- Monitor FPM 0 - 6000+



## Air Flow Manometers

- Range 0-3 inches W.G.



## Magnehelic Gauge

- Range 0-10 inches W.G.





# Parker Filtration Group

## **Aerospace Filtration Division**

Greensboro, North Carolina  
336 668 4444

## **Bioscience & Water Filtration Division**

Bioscience Filtration  
Oxnard, California  
877 784 2234

Water Purification  
Carson, California  
310 608 5600

## **Engine Mobile Aftermarket Division**

Kearney, Nebraska  
308 234 1951

## **Engine Mobile Original Equipment Division**

Modesto, California  
209 521 7860

## **HVAC Filtration Division**

Jeffersonville, Indiana  
866 247 4827

## **Hydraulic & Fuel Filtration Division**

Metamora, Ohio  
419 644 4311

## **Industrial Gas Filtration & Generation Division**

Lancaster, NY  
800 343 4048

## **Industrial Process Filtration Division**

Mineral Wells, Texas  
940 325 2575

## **Bioscience Engineering Filtration Division EMEA**

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+44 (0) 191 410 5121

## **Engine Mobile Filtration Division EMEA**

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+44 (0) 1924 487 037

## **Gas Separation & Filtration Division EMEA**

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## **India Filtration Division**

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## **Korea Filtration Division**

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+82 31 359 0852

## **Latin America Filtration Division**

Sao Paulo, Brazil  
+55 12 4009 3500



**⚠ WARNING:** This product can expose you to chemicals, including 1,4-dioxane, acetaldehyde, acrylonitrile, antimony oxide, ceramic fibers, chromium, ethylbenzene, formaldehyde, glass wool fibers, nickel, styrene, titanium dioxide, toluene diisocyanate, which are known to the State of California to cause cancer, and carbon disulfide, chromium, disodium tetraborate decahydrate, lead, methanol, toluene, which are known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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