ATi

AIR TECHNOLOGIES, INC.
ALL PRODUCTS
BROCHURE

Air Technologies, Inc. Mission Statement

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 effforts are unparalleled in providing the expertise to evaluate the individual customer needs and provide a "cost effective solution".

Industries Served:	Contaminants Collected:
• Aerospace	• Air Dry Enamels
• Aluminum Extrusions	• Bake Enamels
• Appliance	• Corrosion Inhibitors
• Automotive	• Elastomerics
• Boat Manufacturers	• Fiberglass
• Cabinets	• Gelcot
• Caskets	• Grinding Dust
• Computer Cabinetry	• Lacquer
• Diesel Engines	• Maskant
• Farm Equipment	• Oil Mist
• Heating Equipment	• Plural Component
• Luggage	• Polyester High Solids
• Metal Fabricators	• Poulane
• Motor Manufacturers	• Powder Paints
• Office Furniture	• Primers
• Outboard Engines	• Spray Lat
• Plastic Parts	• Stains
• Recreational Products	• UV Paint
• RV Vehicles	• Waterborne
• Tool Boxes	
• Truck Bodies	
• Water Heaters	
• Wood Products	

HT™ Panels & Links

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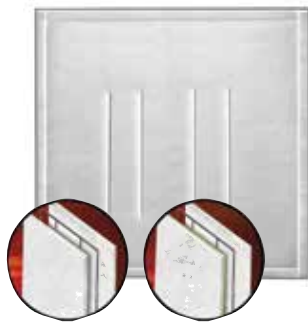 *Brochure ATI-101*

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
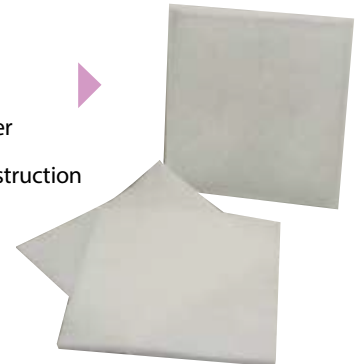 *Brochure ATI-SERIES N-309*

CS Panels & Links

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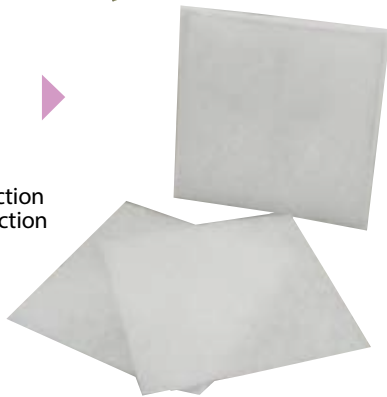- Available in 1/2" "Wrap" construction
  Brochure ATI-108

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
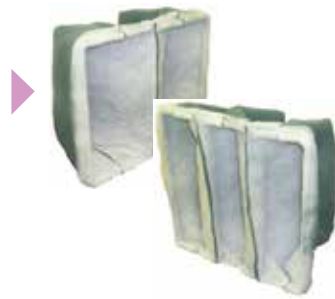 *Brochure ATI-DIFFMAX-508*

CD™ Panels & Links

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

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" availiable 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
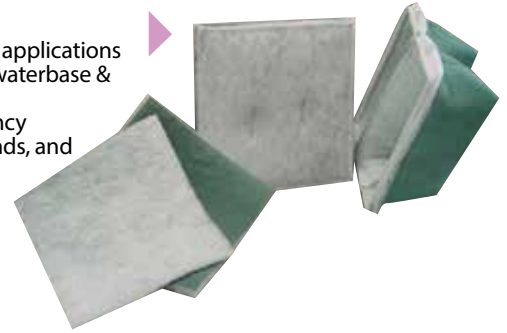• 55 - 65% arrestance
  Brochure ATI-FOAM-1008

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
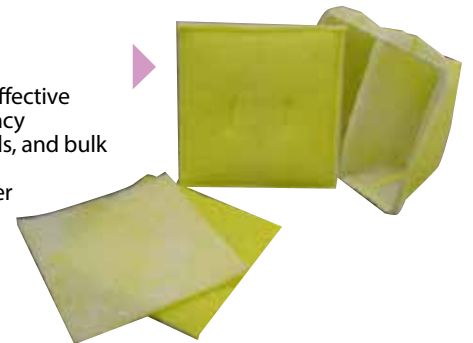- Can be used as a Prefilter
  Brochure ATI-107

Red Media

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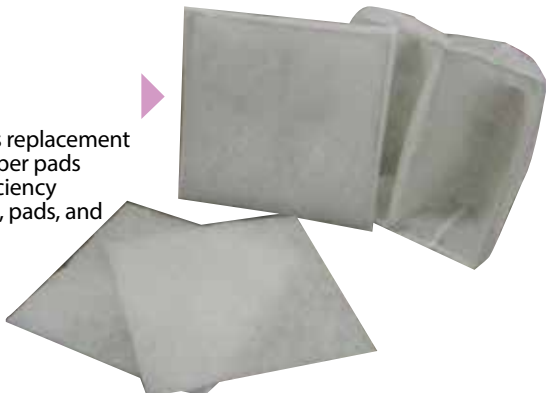- Can be used as a Prefilter

CS Media

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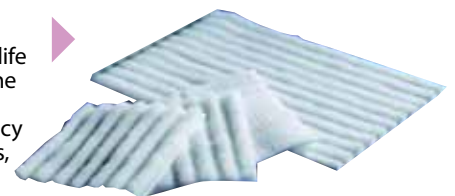 *Brochure ATI-108*

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.

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

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
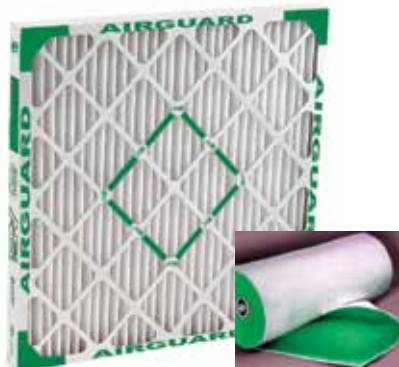• Self-Sealing, no clips required
  Brochure ATI-OSM200-309

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 & Holding Frames

Hook Sections
• Available in 4' sections
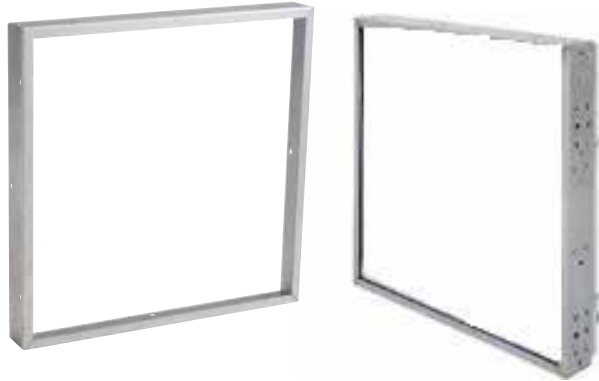
Snapper Bars
• Available in 10" - 60" sections
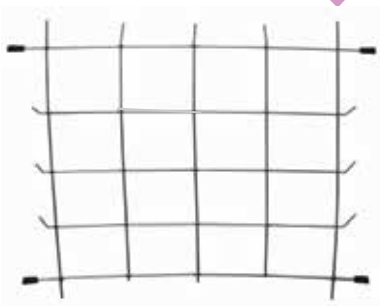
Master Lock
• Available in 10' lengths

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.

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PARKER

AIRGUARD ®

Purolator ®

ATI-ALLPROD-0118

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