

AIR FLOW

TECHNOLOGY inc.

FIBERGLASS PAINT ARRESTOR PADS & ROLLS

Air Flow Technology's fiberglass overspray (extraction) collector rolls and pads are available in a variety of widths, weights, and depths. Standard weights include our 15g/ft², 18g/ft ft² (w/ polyester backing), and 22g/ ft².

Media Design:

15g The progressively dense two-stage 15g media is manufactured from continuous strands of glass fibers engineered to collect and retain a wide range of automotive and industrial-type coatings. The backing is a tightly woven 100% fiberglass construction allowing low initial static pressure. This widely popular overspray media is green/white in color and provides compliant efficiency at an economical price. Air Enters White Side, Air Exits Green Side

22g The progressively dense heavy-duty two-stage 22g media is 50% heavier than the 15g counterpart thus providing additional service life and removal efficiency. As with the 15g product, the 22g product is manufactured from continuous strands of glass fibers with a 2.5" loading area backed with a 100% fiberglass scrim backing. The 22g is compliant with current EPA standards as well as many local municipal regulations. The 22g fiberglass construction provides excellent removal efficiency at an economic price. Air Enters White Side, Air Exits Yellow Side

18g (PB) The progressively dense three-stage 18g media (with polyester backing) is a combination of the 15g technology with the added high removal efficiency of a polyester backing. As with the 15g products, the 18g poly-backed product features a 100% fiberglass entry layer and tightly woven fiberglass scrim backing. Unlike the 15g, the 18g includes a 100% synthetic polyester backing which ensures some of the highest removal efficiencies available to modern overspray collectors. The 18g poly-backed product provides the highest removal efficiency of the three standard AFT fiberglass filters.



PERFORMANCE DATA

Fiberglass Overspray Collector Facts:

1. Fiberglass is one of the fastest growing air filtration media in the marketplace. Characteristics inherent to fiberglass make it a safe, low-cost, environmentally friendly alternative to other products such as cellulose, synthetic, or styrofoam products.
2. Fiberglass typically has the lowest initial static pressure of all overspray collectors. This means the filter provides better air-flow from the start, and, tends to maintain better air-flow for a longer period of time.
3. Unlike any other overspray collector, Fiberglass is highly compressible. This translates to lower manufacturing, distribution, freight, storage, and disposal costs.
4. Fiberglass is a powerful, low-cost pre-filter when used in combination with any of AFT's diverse line of secondary panel filters and multi-pocket cubes.

Overspray Collection Options:

From intake air to emissions control, Air Flow Technology can help you identify the most efficient filtration combination for your particular booth. AFT offers a complete range and various configurations of Intake Air and Exhaust Filtration products.

| <i>Filter Type</i> | <i>Average Efficiency (%)*</i> | <i>Capacity (lbs/20"x20" Pad)</i> | <i>Initial Resistance ("w.c.)</i> |
|--------------------|--------------------------------|-----------------------------------|-----------------------------------|
| 15g | 98.81 | 0.9 | 0.02 |
| 22g | 99.03 | 1 | 0.02 |
| 18g (PB) | 99.79 | 2.4 | 0.02 |

Air Flow Technology provides independent test data on particle size efficiency and initial resistance to rated air flow on all of its paint filtration products. This information is provided to assist you in the proper selection of a filter system for your particular application. Whether your requirement is low static pressure (resistance) or high performance, you can depend on the independent data provided to guide your selection process to the proper AFT product.

For other quality HVAC, Industrial Finishing, and Paint Spraybooth Filtration Products, refer to HVAC Filtration All Product Bulletin HPB1, and Paint Spray Booth Filtration All Product Bulletin PPB1.

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