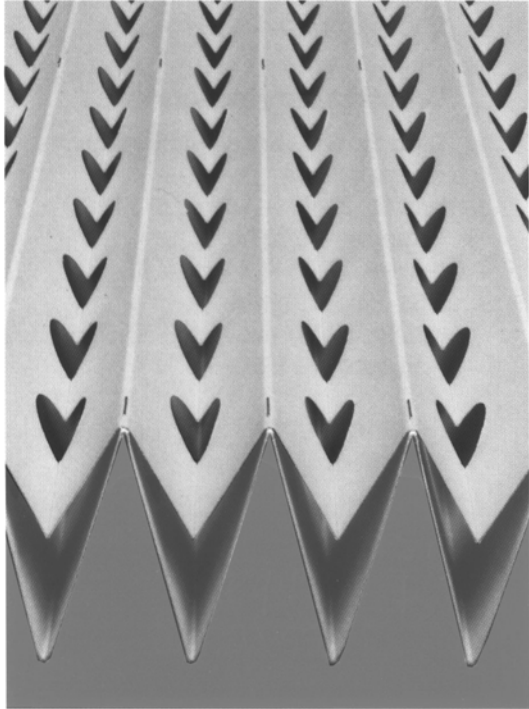


AF Filter™ Overspray Collector



The Binks Sames AF Filter delivers important benefits to spray booth operators applying most industrial coatings and adhesives. The accordion style, pleated construction captures overspray efficiently, lasts three to five times longer than ordinary dry filters, and contributes to an improved working environment.

Reduced Operating Costs

High overspray holding capacity provides longer intervals between filter changes.

- Fewer filters to dispose of means lower disposal cost
- Fewer filters to buy and inventory, reduces investment costs
- Less maintenance labor costs
- Fewer work interruptions boosts productivity

Pleated construction facilitates collapsing the filter for storage and disposal, minimizing handling costs.

Nearly constant static pressure drop over the life of the filter produces nearly uniform booth ventilation.

- Increases paint mileage and lowers material costs
- Improves working environment

High filtering efficiency reduces work chamber, blower and stack maintenance.

User Friendly

- Built in expansion limiter insures proper performance
- Just two pieces required for most standard booths reduces installation time and cost
- White face reflects light to improve painter visibility

Compatibility with Coatings

- Low, medium and high solids solvent based thermoset
- Most low, medium and high solids solvent based air dry
- Low, medium and high solids water based thermoset and air dry
- All types of plural component coatings
- Most industrial adhesives
- Fiber-filled and bituminous materials

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- Not recommended for use with coatings that may dry before reaching the filter

Environmentally Friendly

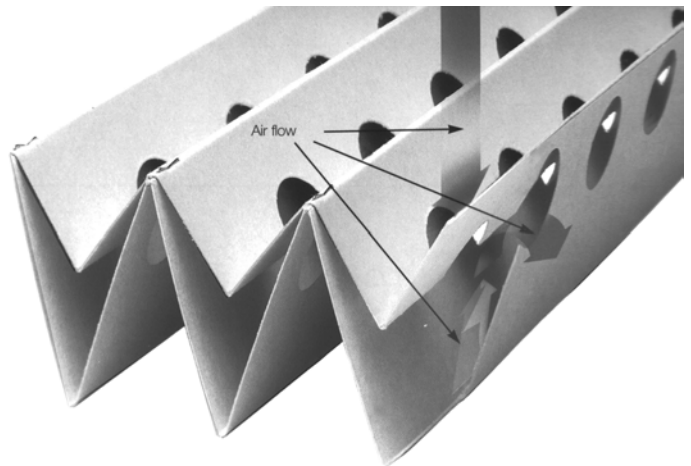
- Biodegradable and incineratable
- Collapsible to minimize disposal bulk and associated costs
- Meets UL Class 2 standards for flammability
- Manufactured from recycled paper

How It Works:

Binks Sames AF Filter utilizes a combination of impingement and inertial separation to capture the overspray droplets suspended in the air stream passing through it. The larger droplets tend to impinge on and be retained by the front surface of the filter. The accelerating air stream carries the overwhelming majority of the mid-sized and smaller droplets through the network of circular holes distributed across the face of the filter. The forward momentum of the rapidly moving droplets separates them from the air stream which makes two quick, violent directional changes immediately after penetrating the front surface of the filter. The overspray droplets are driven into the deep interior "V" pockets formed by each filter pleat. In heavy spraying installations, slow drying and thermoset coatings may accumulate to the point they drain or run down the front face of the filter further extending the functional life of the AF filter.

Technical Data:

- Average Capturing Efficiency — 97.14% @ 150 FPM, with high solids baking enamel, (Actual efficiency is a function of the coating being sprayed and the associated operating conditions)
- Recommended Average Air Velocity — 100 - 200 FPM
- Nominal Pressure Drop @ 150 FPM — 0.15 inch W.C.
- Maximum Pressure Drop — 1 inch W.C. with center support; 0.5 inch without
- Flammability — Meets UL Class 2
- Filter Size (Expanded): — 30 ft. x 3 ft. x 2.5 in (90 sq. ft. of effective surface area)
- Expansion — Limited by permanently attached straps to 8 pleats per foot



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