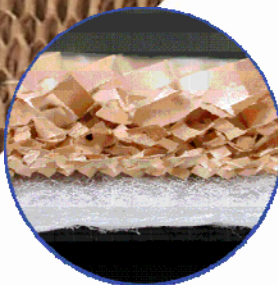




High Capacity Supra II Mini-Mesh Paint Overspray Collectors



Columbus Industries' paint collectors are designed to meet the filtration demands associated with the wide selection of coatings & paint spray booths available today.

Description:

Columbus Industries' combination baffle/strainer-type High Capacity Supra II Mini-Mesh overspray collectors are constructed of layers of slit and expanded kraft with a final layer of duo-density synthetic polyester backing to maximize efficiency and strength. The front layers of this collector employ extremely large baffle openings followed with layers of progressively smaller "diamond" design and a final back layer of dense non-woven polyester. This filter design provides extremely high holding capacity and extremely long service life.

Features and Benefits:

- Layers of slit and expanded kraft with multistage designed baffle openings are combined with a final layer of non-woven polyester
- Provides high efficiency and high holding capacities
- Extended service life for fewer change-outs
- Ease of handling, installation and disposal
- Both flame retardant and non flame retardant versions available
- Available in rolls and cut pads for easy installation
- Low Resistance to airflow

Applications:

- Excellent for use with a wide range of coatings and especially with heavier, tacky-type coatings, conventional coatings and in situations requiring extended service life



or BETTER, when tested in accordance with 40 CFR PART 63 SUBPART HHHHHH (ASHRAE Method 52.1 "Gravimetric and Dust Spot Procedures for Testing Air-Cleaning Devices Used in General Ventilation for Removing Particulate Matter". June 4, 1992)

Columbus Industries has a Continual Product Improvement Process to constantly introduce new and improved products. Therefore, prices and specifications are subject to change without notice.

Specification Sheet

Product:

High Capacity Supra II Mini-Mesh Paint Collector

Clean Resistance to Airflows:

Velocities (FPM)	Average Resistance ("H ₂ O)
100	0.020
150	0.043
200	0.073

Performance Data:

Coating	Typical Efficiency Range	Holding Capacity
High-Solids Bake Enamel	98.5% - 99.9%	9.4 lb. @ .20" W.C.
Waterborne Bake Enamel	97.5% - 99.9%	7.80 lb. @ .50" W.C.
Water Reducible Air Dry	96% - 99.70%	1.70 lb. @ .50" W.C.
2 Component Polyurethane CARC	99.1% - 99.79%	2.07 lb. @ .50" W.C.

Construction:

- "High Capacity" Paper - 3 Layers
- "Large Diamond" Paper - 2 Layers
- "Small Diamond" Paper - 1 Layer
- "Mini-Mesh" Paper - 1 Layer
- Polyester - 1 Layer

Note: Tests were conducted using modified ASHRAE STANDARD 52-76 test apparatus and procedures (0.5" H₂O test end-point). Tests filter consisted of 20" x 20" pads or pockets, held in a frame/grid module, as used in the field. Overspray was generated by an air atomizing gun with an initial air velocity of 150 fpm. Actual resistances, arrestances and holding capacities may differ due to the variations in paint make-up, mixing ratios, viscosities, booth conditions, etc.

Manufactured by:



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