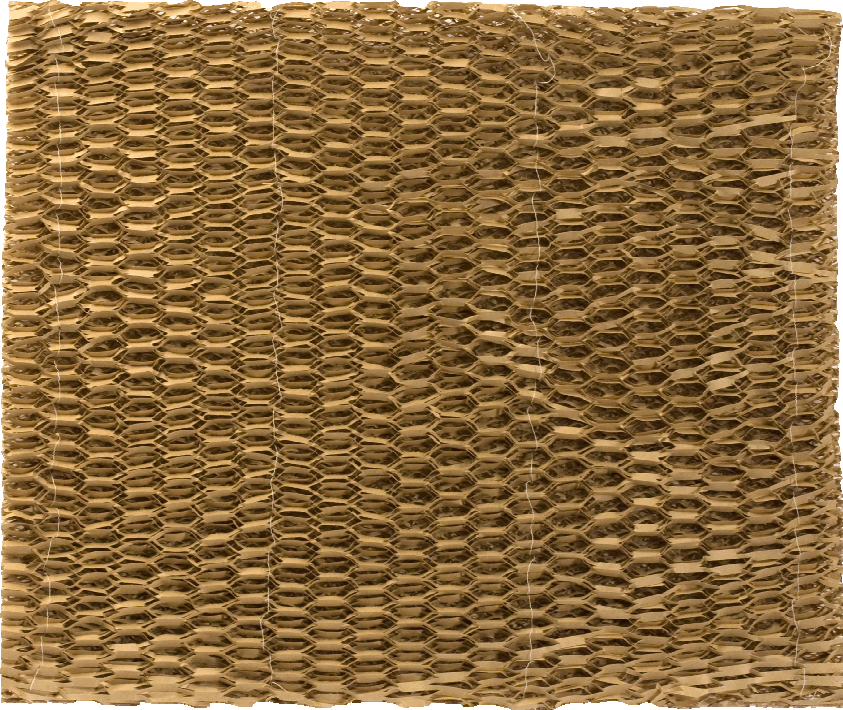


CI slit and expanded paper paint overspray collectors



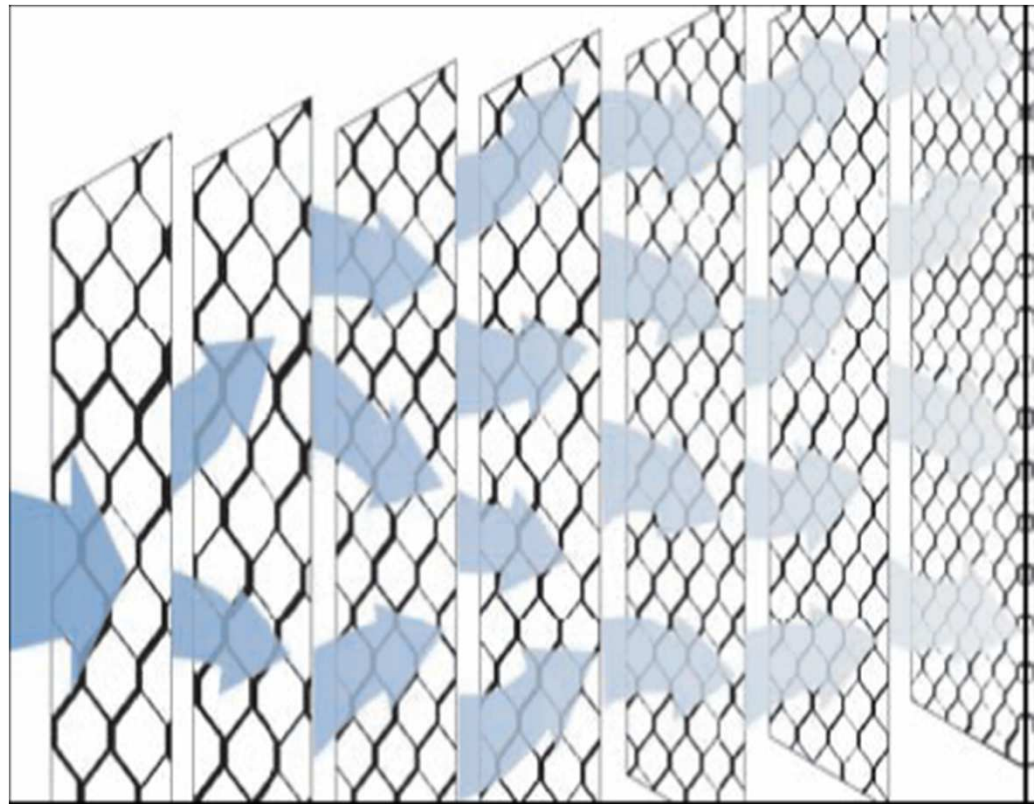
Cross section: Larger opening in the front; progressively smaller diamonds in the back of the filter



Columbus Industries slit and expanded paper layered to a honeycomb structure.

Performance engineered to promote turbulent air movement capturing paint overspray particles throughout the depth of the filter.

Very low pressure drop and depth-loading allow for high holding capacity.





CI paint collectors are available in rolls or standard sizes cut pads. CI Paint Collectors have been for many years, and continue to be, the best choice for spray booth exhaust filtration.

In its continued effort to add value to end users, and driven by Voice of Customer, the CI team is pleased to introduce a new product that offers higher holding capacity and a more user-friendly structure:



CI PC-PLEAT

Offering:

- Deeper filtration area for more efficiency and higher holding capacity
- Ability to have a modular exhaust wall for more economical easier filter changes

Booth exhaust wall with CI PC-PLEAT

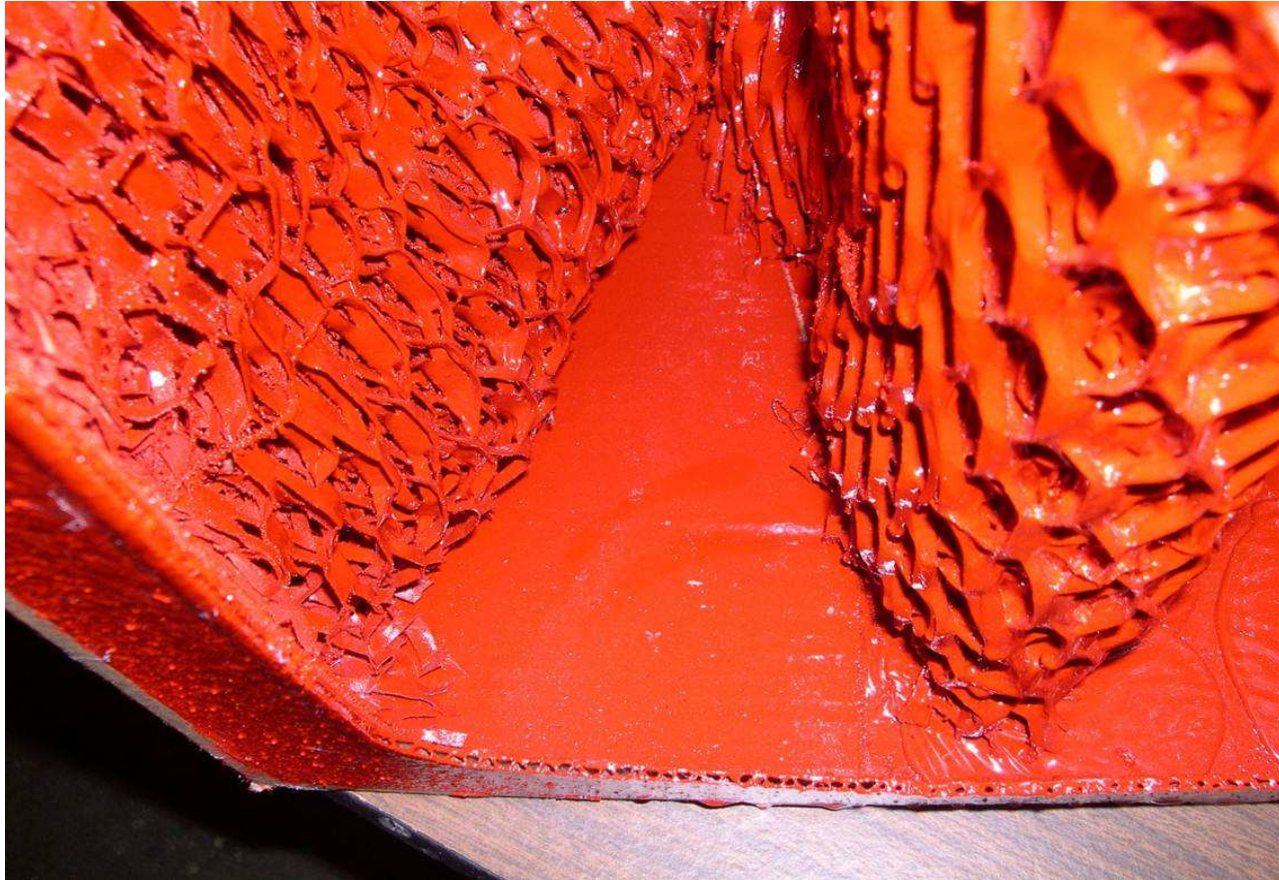


Performance Engineered Air Filter Products



Very high holding capacity= long filter life





Bottom of PC-Pleat serves as a reservoir where wet paint run-down accumulates keeping booth hardware clean

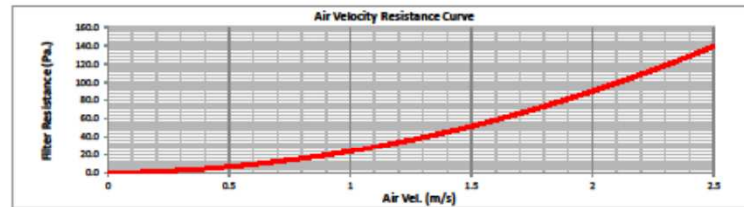
SPECIFICATION SHEET

PRODUCT : EURO PC PLEAT SUPRA

I. PERFORMANCE DATA*

CLEAN RESISTANCE TO AIRFLOW (S1)

<u>VELOCITY (m/s)</u>	<u>RESISTANCE (Pa)</u>
0.5	6.5
0.8	13.9
1.0	24.1
1.3	36.6
1.5	52.3
1.8	69.7
2.0	90.6
2.3	112.7
2.5	139.4



MODIFIED ASHRAE 52.1 WEIGHT ARRESTANCE AND HOLDING CAPACITY

<u>COATING</u>	<u>PRODUCT</u>	<u>TYPICAL EFFICIENCY RANGE</u>	<u>HOLDING CAPACITY (kg/m² @ 125 Pa GAGE)</u>
High Solids Bako Enamel	PC PLEAT S2	98.9 % - 99.9 %	53.13 - 64.95 ** ** (@ 21.2 Pa GAGE)

II. CONSTRUCTION

PC PLEAT SUPRA HAS MULTIPLE LAYERS OF SLIT & EXPANDED KRAFT PAPER, WITH VARIOUS OPENING SIZES, AND A FINISHING LAYER OF HIGH EFFICIENCY POLYESTER SEWN TO A RIGID 3-V INSERT TO PROVIDE A GRADUATED DENSITY PATTERN HOUSED IN A RIGID, HEAVY-DUTY, MOISTURE-RESISTANT KRAFTBOARD FRAME
 PRODUCT DIMENSIONS - 500MM x 500MM x 300MM NOM.

(call your CI representative for other sizes available)

*This filter meets CACT for source subject to SUBPART HHHHHH (Paint Stripping and Miscellaneous Surface Coating at Area Sources) and SUBPART KKKKKK (Area Source Standards for New Metal Fabrication and Finishing Source Categories) (≥90% EFFICIENT when tested by ASHRAE Method 52.1 in accordance with the NESHAP)

* Note: Tests were conducted using modified ASHRAE STANDARD 52.1C test apparatus and procedures (125 Pa test endpoint). Test filter consisted of 51cm x 51cm filter, held in a transparent module, as used in the field. Chempray was generated by an air atomizing gun with an initial air velocity of 0.762 m/s. Actual efficiencies and holding capacities may differ due to the variations in paint make-up, mixing ratios, viscosity, booth conditions, etc.

A very satisfied
end-user in Holland



Performance Engineered Air Filter Products
CI Columbus
Industries, Inc.