

WAVE MEDIA

EXHAUST OVERSPRAY FILTRATION

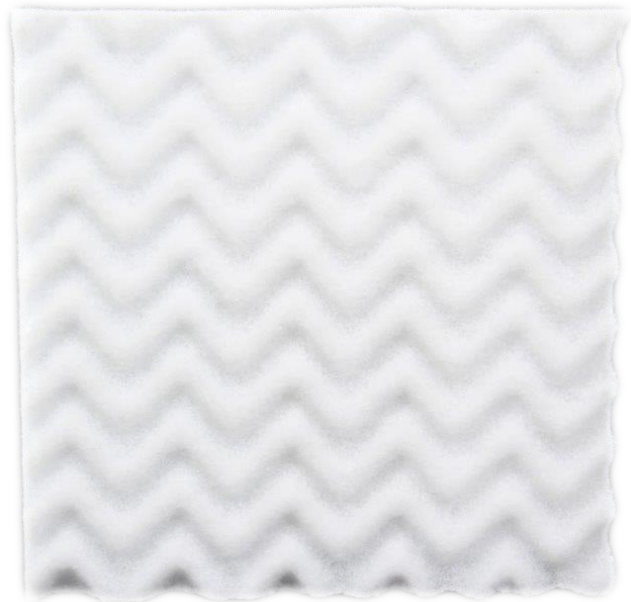
The Wave is a unique and effective filtration media for both exhaust and overspray collection.

Wave media has a rolling surface designed to create a maximum surface area of filtration with exceptional depth loading ability. This filtration media removes overspray from the spray booth's exhaust air flow while the "waves" capture and retain overspray within the media, reducing run-off. The Wave has excellent paint removal efficiency to minimize particulate emissions. It accommodates all paints and a wide array of spray applications from clear coats to high solids and beyond.

VERSATILE APPLICATION USES

- Exhaust
- Overspray
- Automotive
- Aerospace
- Industrial

Available in pads, rolls, and custom sizes.



SPECIFICATIONS

- Average Removal Efficiency: 99.83%
- Holding Capacity: 4.8 lbs
- Initial Pressure Drop: .12" W.C. @ 150 FPM
- Final Pressure Drop: 0.5" W.C. @ 150 FPM

Test based on 40 CFR part 63 National Emission Standards

PAIN T ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Tested for: **Global Finishing Solutions**
Filter Mfr.: **Global Finishing Solutions**
Filter Name: **PA 5 Cardline 1.5 oz (Bottom)**
Report#./Test# **R 709 T 809**
Report Date: **February 5, 2015**

Test Information

FILTER DESCRIPTION: (20"x20")

3/4" poly. Waves front on 1 1/4" poly. Backing, white

PAINT DESCRIPTION:

High-Solids Permaclad (Sherwin Williams Permaclad 2400)

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

141 gr./min. **135** cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.11 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.50 in. water

WEIGHT GAIN on TEST FILTER & TEST FRAME TROUGH

2012 grams

PAINT HOLDING CAPACITY of TEST FILTER

1881 grams = **4.1** lbs.

PAINT RUN-OFF

131 grams

WEIGHT GAIN on FINAL FILTER

1.2 grams = **PENETRATION**

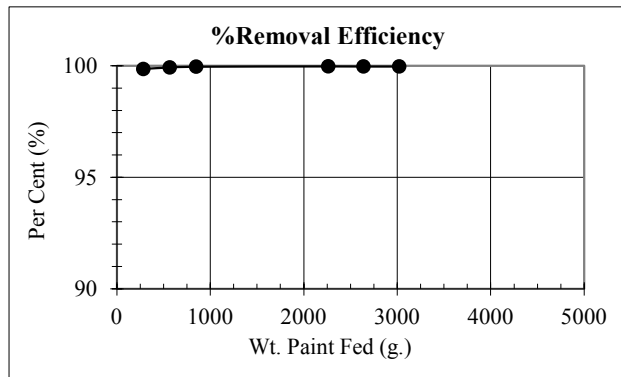
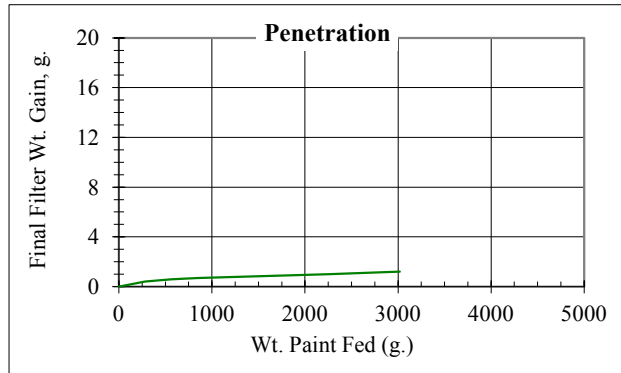
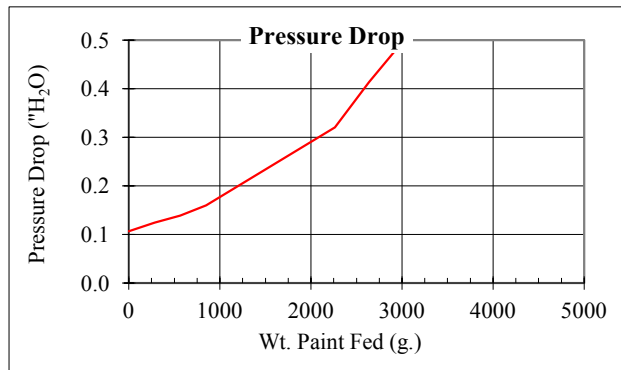
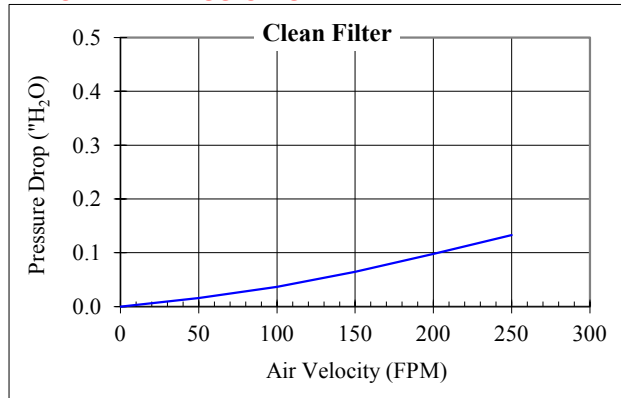
AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.94 %



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