

# PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

**BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD**

Tested for: **Com-Pleat Filter**  
Filter Mfr.: **Com-Pleat filter**  
Filter Name: **PAF-2020**  
Report#./Test#: **R 103 T 203**  
Report Date: **24-Nov-09**

## Test Information

### FILTER DESCRIPTION:

Accordian type paper filter

### PAINT DESCRIPTION:

High Solids Baking Enamel (S.W. #1 Permaclad 2400, red)

### PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

### SPRAY FEED RATE:

**147** gr./min.                      **140** cc./min.

### AIR VELOCITY:

**150** FPM

## Test Results

### INITIAL PRESSURE DROP of Clean Test Filter

**0.17** in. water

### FINAL PRESSURE DROP of Loaded Test Filter

**0.24** in. water

### WEIGHT GAIN on TEST FILTER & Test Frame Trough

**4204** grams

### PAINT HOLDING CAPACITY of TEST FILTER

**1124** grams = **2.5** lbs.

### PAINT RUN-OFF

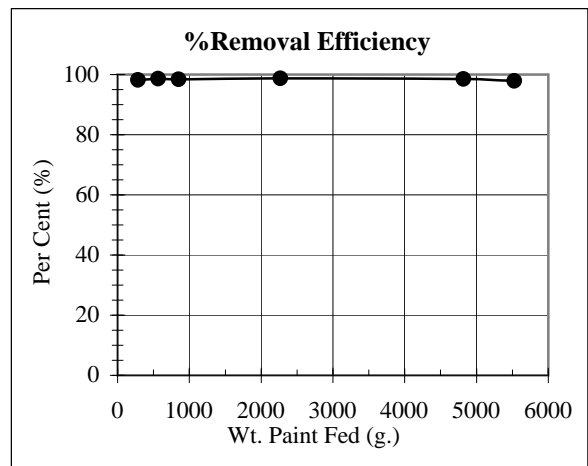
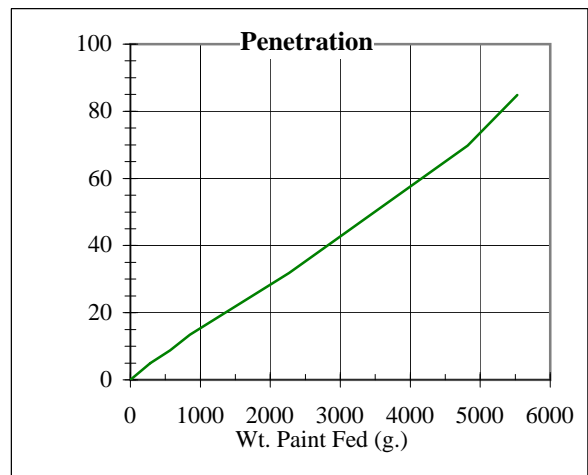
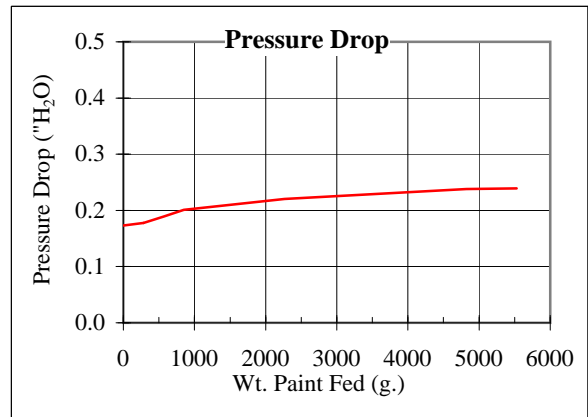
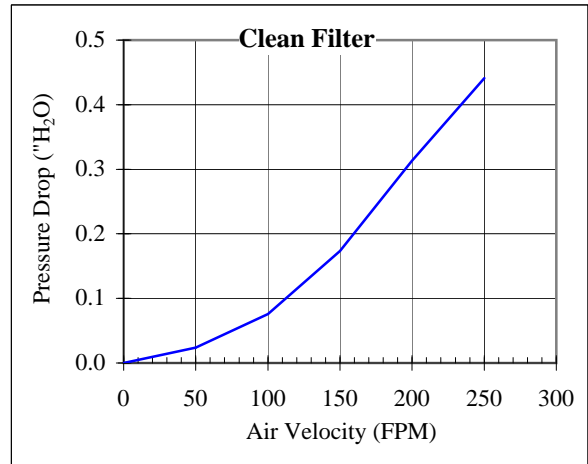
**3435** grams

### WEIGHT GAIN on FINAL FILTER

**84.8** grams = **PENETRATION**

### AVERAGE REMOVAL EFFICIENCY of TEST FILTER

**98.17** %



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