

# PAINT ARRESTANCE FILTER TEST REPORT

## Spray Removal Efficiency & Paint Holding Capacity

Based on 40 CFR Part 63 National Emission Standard

MODEL/PART#: PA15-XXXXX  
Filter Name: 15 Gram Fiberglass Paint Arrestor  
Test Date: January 2010

### Test Information

Filter Description: (20" X 20")  
Green Fiberglass on White Backing  
Paint Description:  
High Solids Baking Enamel (S.W. #1 Permaclad 2400, red)  
Paint Spray Method:  
Conventional Air Gun at 40 PSI  
Spray Feed Rate:  
144 gr./min. 135 cc./min.  
Air Velocity:  
150 FPM

### Test Results

Initial Pressure Drop of Clean Test Filter:  
0.02 in. water  
Final Pressure Drop of Loaded Test Filter:  
0.06 in. water  
Weight Gain on Test Filter & Test Frame Trough:  
3913 grams  
Paint Holding Capacity of Test Filter:  
1619 grams = 3.6 lbs.  
Paint Run-Off:  
2294 grams  
Weight Gain on Final Filter:  
53.1 grams = Penetration  
Average Removal Efficiency of Test Filter  
98.66 %

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