

**PAINT ARRESTANCE FILTER TEST REPORT**  
 Spray Removal Efficiency and Paint Holding Capacity  
 BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

**Filter Tested**

Manufacturer: AFX Manufacturing  
 Product Name: AFX Standard Filter  
 Model No. STD Series

**Test Information**

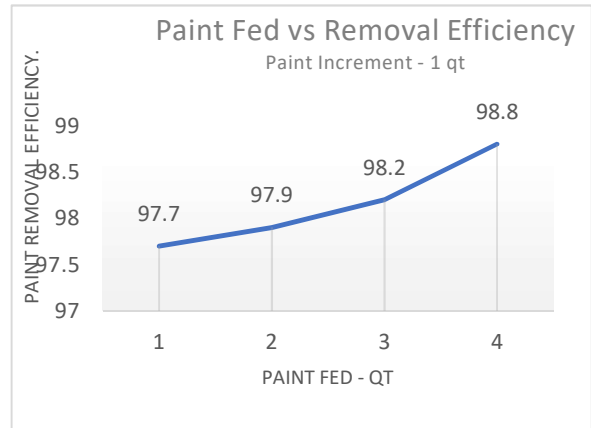
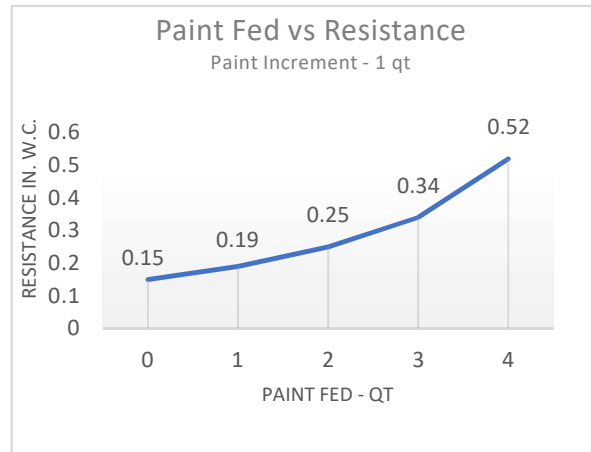
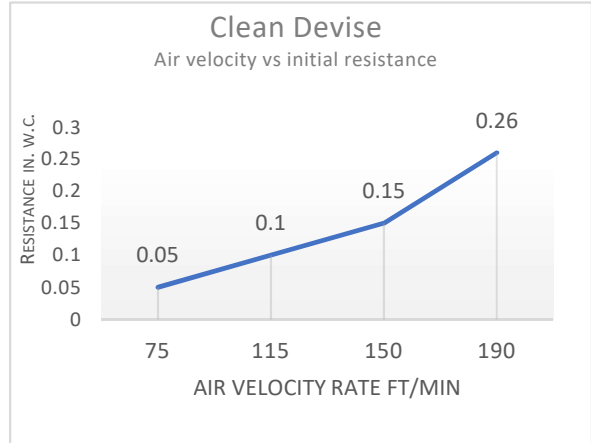
Filter Description: 20"x 20" Paper Accordion  
 Paint Description: High Solids Baking Enamel  
 SW Permaclad 2400, Grey  
 Spray Method: Conventional Air at 40 PSI  
 Feed Rate: 140 g/min  
 Air Velocity: 150 FPM

**Test Results:**

Initial Pressure Drop 0.14 in. w.c.  
 Final Pressure Drop 0.52 in. w.c.  
 Weight Gain - Tested Filter 3010.1 g  
 Weight Gain - Final Filter 53.55 g  
 Total Weight - Paint Fed 3063.65 g  
 Average Efficiency 98.3 %  
 Paint Holding Capacity 3010 g



Test Engineer: Carl S. Richerson  
 Report Date: 3/14/2017



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**Filter Tested**

Manufacturer: AFX Manufacturing  
 Product Name: AFX Poly-Back Filter  
 Model No. POLY Series

**Test Information**

Filter Description: 20"x 20" Paper Accordion  
 With Polyester Backing  
 Paint Description: High Solids Baking Enamel  
 SW Permaclad 2400, Grey  
 Spray Method: Conventional Air at 40 PSI  
 Feed Rate: 140 g/min  
 Air Velocity: 150 FPM

**Test Results:**

Initial Pressure Drop 0.23 in. w.c.  
 Final Pressure Drop 0.69 in. w.c.  
 Weight Gain - Tested Filter 3055.1 g  
 Weight Gain - Final Filter 19.71 g  
 Total Weight - Paint Fed 3074.81 g  
 Average Efficiency 99.4 %  
 Paint Holding Capacity 3055 g



Test Engineer: Carl S. Richerson  
 Report Date: 3/15/2017

