



PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

Tested for: **Air Filtration Co., Inc**
 Filter Mfr.: **Com-Pleat Filter**
 Filter Name: **AF331 (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:

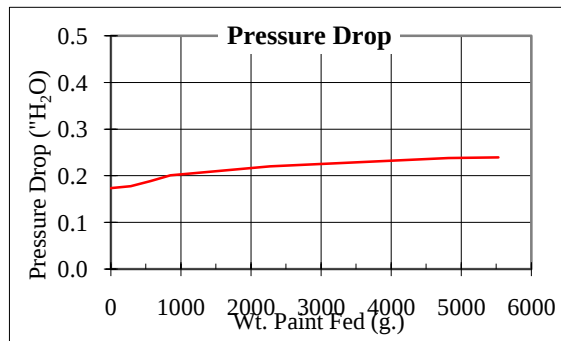
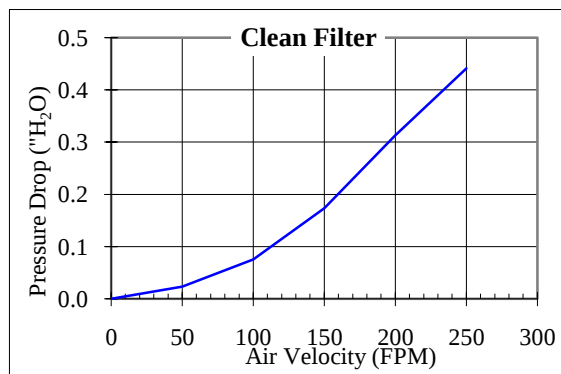
Conventional Air Gun at 40 PSI

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

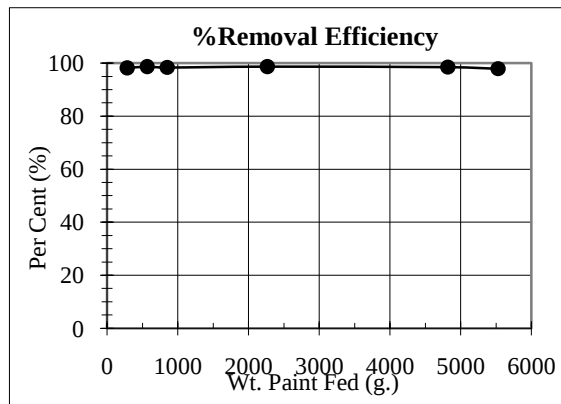
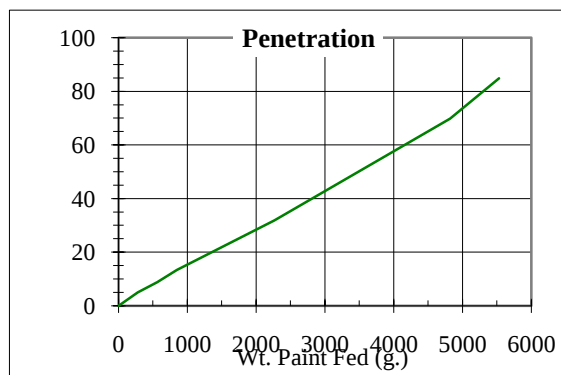
3435 grams

WEIGHT GAIN on FINAL FILTER

84.8 grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

98.17 %



Test Engineer: Todd Kruger

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