



PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Tested for: **Air Filtration Co., Inc.**
 Filter Mfr.: **Air Filtration Co., Inc.**
 Filter Name/Model: **PRH SERIES**
 Report#/Test#: **R 101 T 201**
 Report Date: **June 15, 2010**

Test Information

FILTER DESCRIPTION (20" x 20" pad):

White on white highloft poly pad

PAINT DESCRIPTION:

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

PAINT SPRAY METHOD:

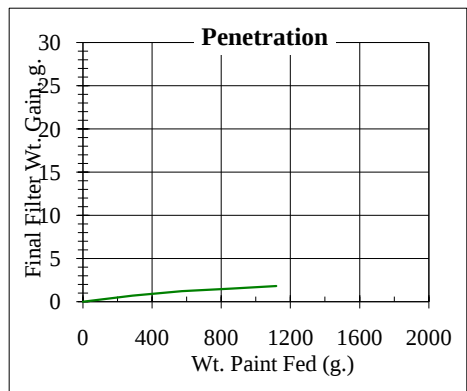
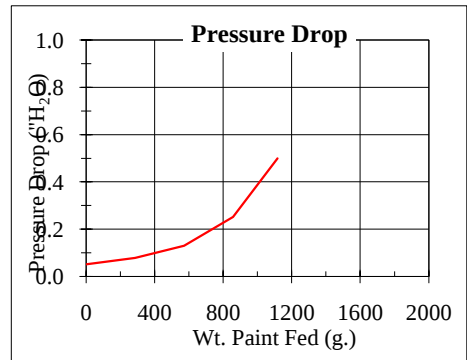
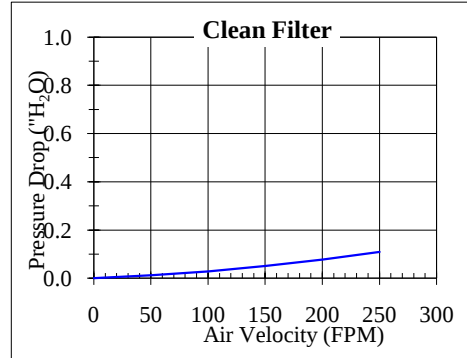
Conventional Air Gun at 45 PSI

SPRAY FEED RATE:

143 gr./min. 135 cc./min.

AIR VELOCITY:

150 FPM



Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.05 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.50 in. water

WEIGHT GAIN OF FILTER & TEST FRAME THROUGH

854 grams

PAINT HOLDING CAPACITY of TEST FILTER

816 grams = 1.8 lbs.

PAINT RUN-OFF

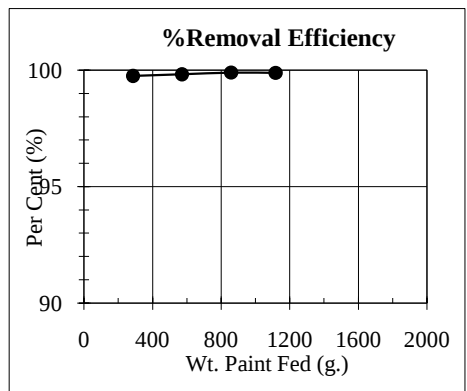
40 grams

WEIGHT GAIN - FINAL FILTER

1.8 grams = PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.79 %



Test Engineer: Jose Tizcarino

Supervising Engineer: K. C. Kwok, Ph.D.