



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: **PE 20x20 NT**
Report#./Test# **R 101 T 102**
Report Date: **January 20, 2010**

Test Information

FILTER DESCRIPTION (20" x 20" pad):

White highloft poly pad

PAINT DESCRIPTION:

#1 High-Solids Permaclad (H67RC65 Permaclad 2400,

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

142 gr./min.

135 cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.09 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.50 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

1446 grams

PAINT HOLDING CAPACITY of TEST FILTER

1335 grams = 2.9 lbs.

PAINT RUN-OFF

111 grams

WEIGHT GAIN - FINAL FILTER

2 grams = PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.86 %

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