

# AIR FILTRATION CO., INC.

### PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

#### BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Tested for: AAF International
Filter Mfr.: AAF International
Filter Name: PA/GA Series
Report#./Test# R 838 AAF T 938
Report Date: December 30, 2016
PN# 602-511-xxx-300

## **Test Information**

FILTER DESCRIPTION:

Green skin/white highloft glass

PAINT DESCRIPTION:

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

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

**0.02** in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.08 in. water

WEIGHT GAIN of TEST FILTER & TEST FRAME THROUGH

3868 grams

PAINT HOLDING CAPACITY of TEST FILTER

**1230** grams = **2.7** lbs.

PAINT RUN-OFF

**2638** grams

WEIGHT GAIN on FINAL FILTER

31.6 grams = PENETRATION

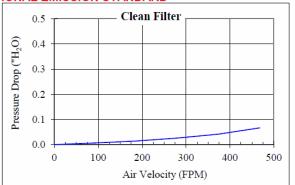
AVERAGE REMOVAL EFFICIENCY of TEST FILTER

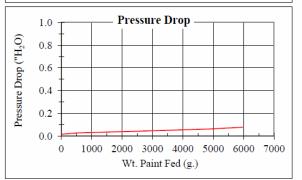
99.19 %

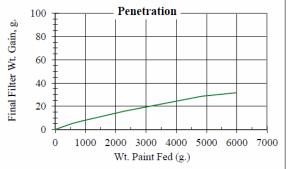


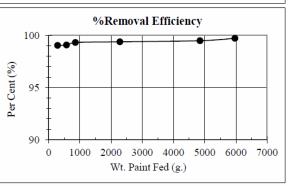
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