

Viskon-Aire*

Air Filter Products

PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 (HHHHHH) NATIONAL EMISSION STANDARD

Tested for:
Filter Mfr.:
Filter Name:
Report#/Test#
Report Date:

Viskon-Aire Corp.
Superior Fibers, L.L.C.
SG-15
R504 T604
January 6, 2010

Test Information

FILTER DESCRIPTION:

Green Fiberglass on white backing

PAINT DESCRIPTION:

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

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

144 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

0.06 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

3913 grams

PAINT HOLDING CAPACITY of TEST FILTER

1619 grams =

3.6 lbs.

PAINT RUN-OFF

2294 grams

WEIGHT GAIN on FINAL FILTER

53.1 grams =

PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

98.66 %

