

# VISKON-AIRE

## Air Filter Products

### PAINT ARRESTANCE FILTER TEST REPORT


Spray Removal Efficiency & Paint Holding Capacity

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


Tested for: **Viskon-Aire**  
 Filter Mfr.: **Viskon-Aire**  
 Filter Name: **SG-15**  
 Report#/Test#: **R504 T604**  
 Report Date: **January 6, 2010**

#### Test Information


FILTER DESCRIPTION: (20" x 20")

 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

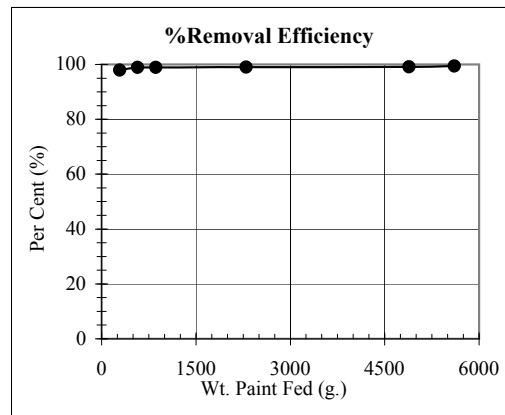
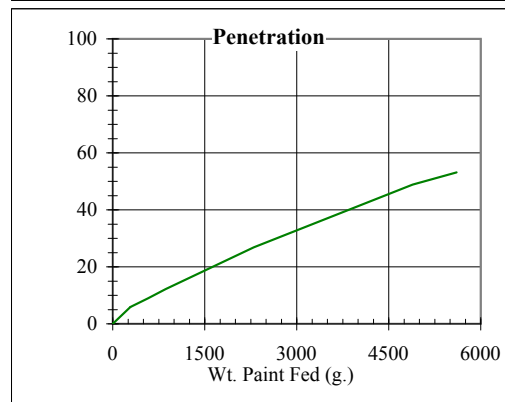
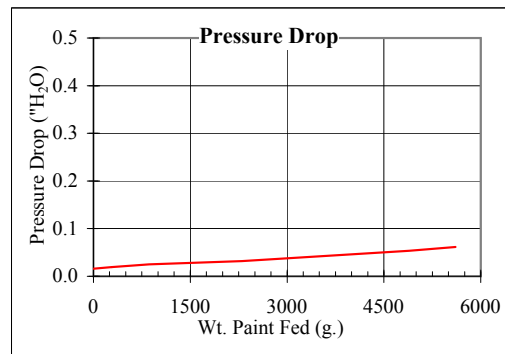
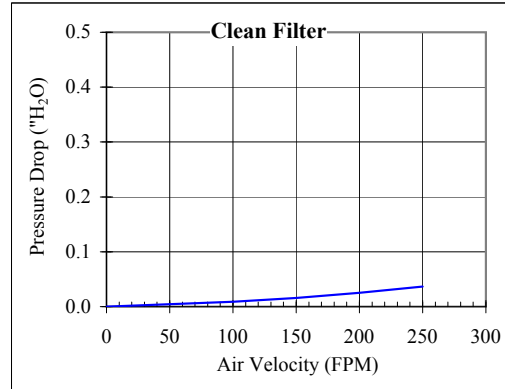
 **2294** grams

WEIGHT GAIN on FINAL FILTER

 **53.1** grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

 **98.66** %



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