



## PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

Tested for: **Air Filtration Co., Inc.**  
 Filter Mfr.: **AAF International**  
 Filter Name: **22 Gr Paint Arrestor (PA22 Series)**  
 Report#./Test#: **R 661 T 761**  
 Report Date: **March 16, 2005**

### Test Information

#### FILTER DESCRIPTION:

White/Yellow highloft fiberglass

#### PAINT DESCRIPTION:

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

#### PAINT SPRAY METHOD:

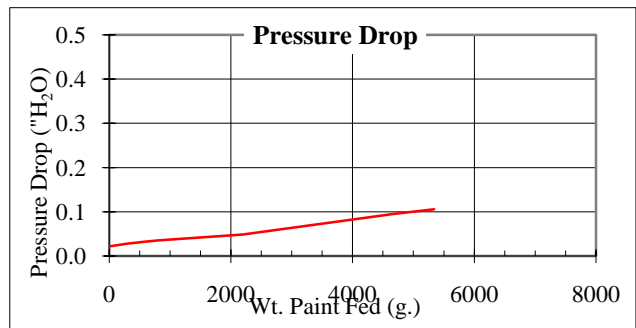
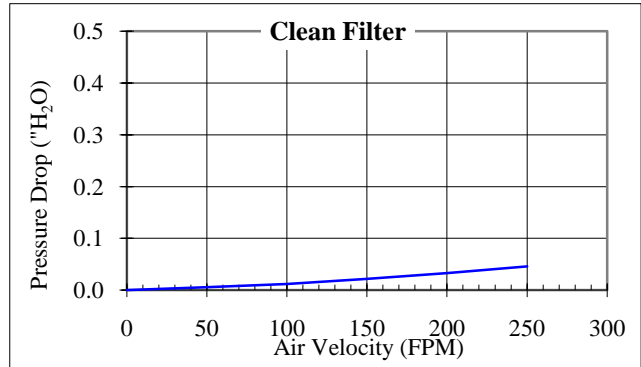
Conventional Air Gun at 40 PSI

#### SPRAY FEED RATE:

**137** gr./min.                      **130** 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

**0.11** in. water

#### WEIGHT GAIN on TEST FILTER & Test Frame Trough

**4038** grams

#### PAINT HOLDING CAPACITY of TEST FILTER

**1173** grams = **2.6** lbs.

#### PAINT RUN-OFF

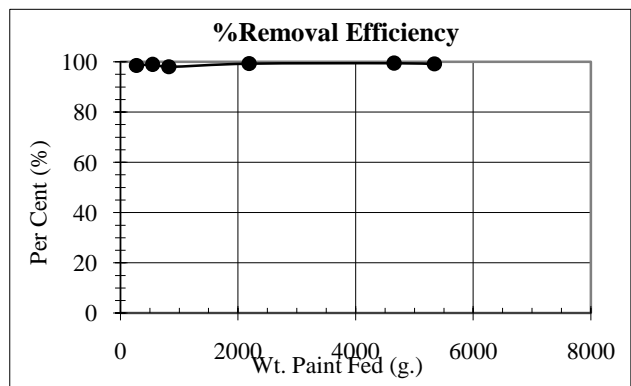
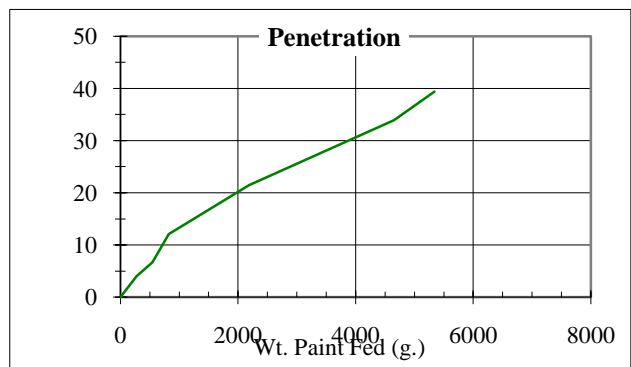
**2865** grams

#### WEIGHT GAIN on FINAL FILTER

**39.4** grams = **PENETRATION**

#### AVERAGE REMOVAL EFFICIENCY of TEST FILTER

**99.03** %



Test Engineer: Todd Kruger

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