

## PAIN T ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

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

Tested for: **Superior Fibers**  
Filter Mfr.: **Superior Fibers**  
Filter Name: **PA-15**  
Report#./Test# **R 829SF T 929**  
Report Date: **3-Jul-17**

### Test Information

FILTER DESCRIPTION: (20x20 pad )

White on Green highloft glass pad

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

**0.01** in. water

FINAL PRESSURE DROP of Loaded Test Filter

**0.04** in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

**3857** gram

PAINT HOLDING CAPACITY of TEST FILTER

**1279** grams = **2.8** lbs.

PAINT RUN-OFF

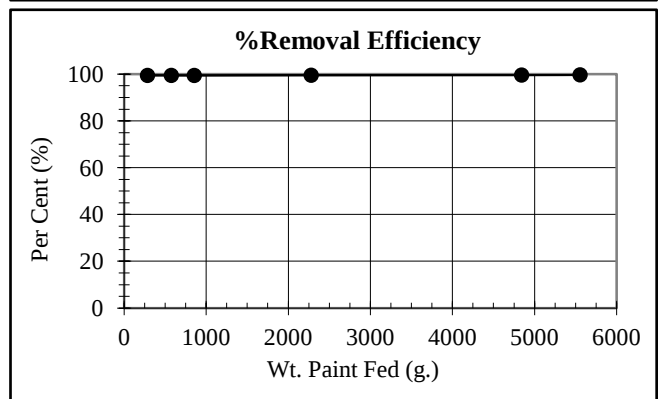
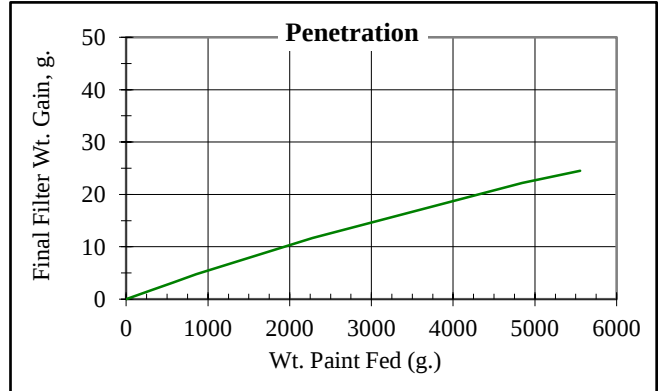
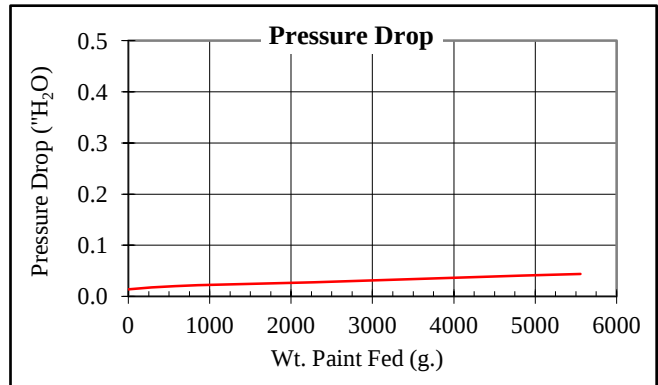
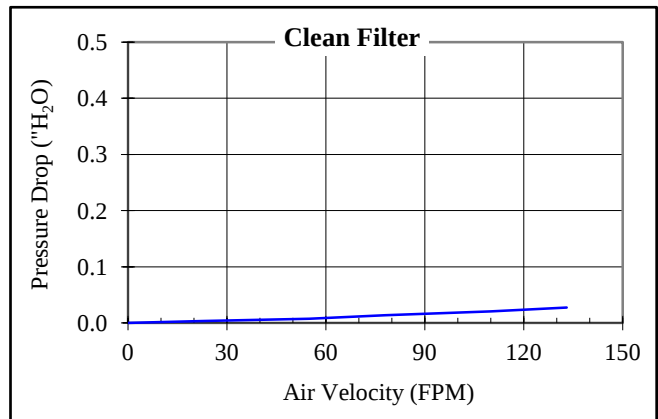
**2578** grams

WEIGHT GAIN on FINAL FILTER

**24.5** grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

**99.37** %



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