

# PAINT ARRESTANCE FILTER TEST REPORT

## Spray Removal Efficiency & Paint Holding Capacity

Tested for: **Paint Pockets Co.**  
Filter Mfr.: **Paint Pockets Co.**  
Filter Name: **Paint Pockets**  
Report#./Test#: **R 266 T 372**  
Report Date: **Jul. 19, 2000**

### Test Information

#### FILTER DESCRIPTION:

1" poly. waffle front on 1/2" poly. backing, light green

#### PAINT DESCRIPTION:

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

#### PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

#### SPRAY FEED RATE:

136 gr./min. 130 cc./min.

#### AIR VELOCITY:

150 FPM

### Test Results

#### INITIAL PRESSURE DROP of Clean Test Filter

0.04 in. water

#### FINAL PRESSURE DROP of Loaded Test Filter

0.10 in. water

#### PAINT HOLDING CAPACITY of TEST FILTER

2908 grams = 6.4 lbs.

#### PAINT RUN-OFF

1446 grams

#### WEIGHT GAIN on FINAL FILTER

24.9 grams = PENETRATION

#### AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.43 %

Test Engineer: P. Tuzinski  
Supervising Engineer: K. C. Kwok, Ph.D.

