



Paint Arrestor Identification

PA Model: 3600 Series Spra-Gard High Capacity/
 High Efficiency
 Manufacturer: Research Products Corporation
 Number of Pads in Series: 1
 Pad Type (Production, Experimental): Production

Paint Identification

Paint Type: High Solids
 Manufacturer ID: 63-3864
 Color: Gray
 Density (lb/gal): 13.73

Manufacturer: Lilly Industries
 User ID: RP
 Thinner Used: Xylol
 Viscosity (Ford #4 - sec): 53

Test Conditions

Duct Velocity (fpm): 150 Paint Feed Rate (gal/hr): 1
 Gun Manufacturer & Model: DeVilbiss JGA-502 Nozzle and Air Cap: 54FX
 Tank Pressure (psi): 10 Atomization Pressure (psi): 20
 Gun Distance from PA (ft): 6

Test Summary

<u>Pressure Drop (" w.c.)</u>		<u>Efficiency (%)</u>		<u>Paint Collection (lbm)</u>	
<u>Initial</u>	<u>Final</u>	<u>Initial</u>	<u>Average</u>	<u>Total</u>	<u>Run Off</u>
0.055	0.500	98.68	99.37	18.73	7.53

Face Velocity (fpm)	50	100	150	200
Initial Pressure Drop ("wc)	0.013	0.031	0.055	0.079

PRESSURE DROP AND EFFICIENCY vs PAINT COLLECTED

