

RESEARCH PRODUCTS PAINT ARRESTOR TEST SUMMARY
 Test Number: 2056 Date: 12-9-96
 Purpose of Test: For Research Products Corp., Standard Product Evaluation



Paint Arrestor Identification

Paint Identification

PA Model: 3000 Series RP Standard Paint Arrestor
 Manufacturer: Research Products Corporation
 Number of Pads in Series: 2
 Pad Type (Production, Experimental): Production

Paint Type: High Solids
 Manufacturer ID: 63-3864
 Color: Gray
 Density (lb/gal): 12.8

Manufacturer: Lilly Industries
 User ID: RP
 Thinner Used: Xylol
 Viscosity (Ford #4 - sec): 50

Test Conditions

Duct Velocity (fpm): 150
 Gun Manufacturer & Model: DeVilbiss JGA-502
 Tank Pressure (psi): 10
 Gun Distance from PA (ft): 6

Paint Feedrate (gal/hr): 1
 Nozzle and Air Cap: 54FX
 Atomization Pressure (psi): 20

Test Summary

Pressure Drop (" w.c.)		Efficiency (%)		Paint Collection (lbm)	
<u>Initial</u>	<u>Final</u>	<u>Initial</u>	<u>Average</u>	<u>Total</u>	<u>Run Off</u>
0.035	0.100	99.04	98.94	6.3	0.0

Face Velocity (fpm)	50	100	150	200
Initial Pressure Drop (" w.c.)	0.005	0.018	0.035	0.061

GRAPH
PRESSURE DROP AND EFFICIENCY vs PAINT COLLECTED

