

RESEARCH PRODUCTS PAINT ARRESTOR TEST SUMMARY
 Test Number: 2072 Date: 4-18-97
 Purpose of Test: For Research Products Corp., Standard Product Evaluation



Paint Arrestor Identification

PA Model: 3100 Series RP Standard High Capacity
 Paint Arrestor
 Manufacturer: Research Products Corporation
 Number of Pads in Series: 2
 Pad Type (Production, Experimental): Production

Paint Identification

Paint Type: High Solids
 Manufacturer ID: 63-3864
 Color: Gray
 Density (lb/gal): 12.9
 Manufacturer: Lilly Industries
 User ID: RP
 Thinner Used: Xylol
 Viscosity (Ford #4 - sec): 54

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

Note: The results shown below are the final test results after four gallons of paint have been sprayed.

Pressure Drop (" w.c.)		Efficiency (%)		Paint Collection (lbm)	
Initial	Final	Initial	Average	Total	Run Off
0.032	0.097	98.39	98.83	22.7	13.5

Face Velocity (fpm)	50	100	150	200
Initial Pressure Drop (" w.c.)	0.005	0.016	0.032	0.056

GRAPH
PRESSURE DROP AND EFFICIENCY vs PAINT COLLECTED

