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Date :	Aug. 31, 1998	pfrac043	Test Requested by :	R. Adams
Filter ID :	Paint Pockets (P P ***** series)		Filter Mfr. :	Paint Pockets Co.
Test Type :	Fractional Efficiency	150 FPM		Paint Pockets Co.
Paint:	SW Permaclad High Solids SBBE		ΔP init.: 0.0732 in.	ΔP final: 0.0787 in.

Time Elapsed, min.:	0.0732"		0.0772"		0.0787"					Average	
	1 min.	2 min.	3 min.	4 min.	5 min.	6 min.	7 min.	8 min.	9 min.		10 min.
Size Range (μm)	Initial Fractional Efficiency (%)										
0.2-0.3	Paint Break-Up Region - No Filtration										0.0
0.3-0.4											0.0
0.4-0.6											0.0
0.6-0.8											0.0
0.8-1.0											0.0
1.0-1.5											0.0
1.5-2.0											0.0
2.0-2.5											0.0
2.5-3.0											0.0
2.5-3.0	11.8	9.1	6.1	7.5	6.1	5.4	5.1	4.0			6.9
3-4	38.3	36.5	33.9	35.3	34.2	34.2	33.8	33.0			34.9
4-5	67.2	66.1	65.4	66.1	65.6	66.4	65.8	65.5			66.0
5-6	83.5	82.0	81.6	82.4	81.9	82.5	83.5	81.5			82.3
6-8	93.6	90.3	90.2	93.5	90.7	91.2	93.3	90.7			91.7
8-10	98.3	96.6	97.1	98.4	96.5	98.1	98.4	96.8			97.5
10-12	99.7	100.0	100.0	99.7	100.0	100.0	100.0	100.0			99.9
12-15	100% Filtration Region										100.0
15-20											100.0
20-30											100.0
30-40											100.0
40-50											100.0
50-70											100.0
70-100											100.0

$$F_{eff} = \frac{C_{up} - C_{down}}{C_{UP}} \times 100\%$$

F_{eff} = Fractional Efficiency of Paint Overspray
 C_{up} = Particle Concentration Upstream of Filter
 C_{down} = Particle Concentration Downstream of Filter

