

AI 110° / AI UB 85° 20" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	
	psi gpm																		
AI110015VS 100 MESH GREEN	30	0.130	9.6	8.6	7.7	7.0	6.4	5.9	5.5	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.2
	40	0.15	11.1	9.9	8.9	8.1	7.4	6.9	6.4	5.9	5.6	5.2	5.0	4.7	4.5	4.2	4.1	3.9	3.7
	50	0.168	12.5	11.1	10.0	9.1	8.3	7.7	7.1	6.6	6.2	5.9	5.5	5.2	5.0	4.7	4.5	4.3	4.2
	60	0.184	13.6	12.1	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.1	5.7	5.5	5.2	5.0	4.7	4.5
	70	0.198	14.7	13.1	11.8	10.7	9.8	9.1	8.4	7.9	7.4	6.9	6.5	6.2	5.9	5.6	5.4	5.1	4.9
	80	0.212	15.8	14.0	12.6	11.5	10.5	9.7	9.0	8.4	7.9	7.4	7.0	6.6	6.3	6.0	5.7	5.5	5.3
	90	0.225	16.7	14.9	13.4	12.2	11.1	10.3	9.5	8.9	8.4	7.9	7.4	7.0	6.7	6.4	6.1	5.8	5.6
	100	0.237	17.6	15.7	14.1	12.8	11.7	10.8	10.1	9.4	8.8	8.3	7.8	7.4	7.0	6.7	6.4	6.1	5.9
	110	0.249	18.5	16.4	14.8	13.4	12.3	11.4	10.6	9.9	9.2	8.7	8.2	7.8	7.4	7.0	6.7	6.4	6.2
AI11002VS 50 MESH YELLOW	30	0.173	12.9	11.4	10.3	9.4	8.6	7.9	7.3	6.9	6.4	6.1	5.7	5.4	5.1	4.9	4.7	4.5	4.3
	40	0.200	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0	6.6	6.3	5.9	5.7	5.4	5.2	5.0
	50	0.224	16.6	14.8	13.3	12.1	11.1	10.2	9.5	8.9	8.3	7.8	7.4	7.0	6.6	6.3	6.0	5.8	5.5
	60	0.245	18.2	16.2	14.5	13.2	12.1	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3	6.9	6.6	6.3	6.1
	70	0.265	19.6	17.5	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.2	8.7	8.3	7.9	7.5	7.1	6.8	6.5
	80	0.283	21.0	18.7	16.8	15.3	14.0	12.9	12.0	11.2	10.5	9.9	9.3	8.8	8.4	8.0	7.6	7.3	7.0
	90	0.300	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5	9.9	9.4	8.9	8.5	8.1	7.7	7.4
	100	0.316	23.5	20.9	18.8	17.1	15.7	14.4	13.4	12.5	11.7	11.0	10.4	9.9	9.4	8.9	8.5	8.2	7.8
	110	0.332	24.6	21.9	19.7	17.9	16.4	15.2	14.1	13.1	12.3	11.6	10.9	10.4	9.9	9.4	9.0	8.6	8.2
AI110025VS AIUB85025VS	30	0.217	16.1	14.3	12.9	11.7	10.7	9.9	9.2	8.6	8.0	7.6	7.1	6.8	6.4	6.1	5.8	5.6	5.4
	40	0.250	18.6	16.5	14.9	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.3	7.8	7.4	7.1	6.8	6.5	6.2
	50	0.280	20.8	18.4	16.6	15.1	13.8	12.8	11.9	11.1	10.4	9.8	9.2	8.7	8.3	7.9	7.5	7.2	6.9
	60	0.306	22.7	20.2	18.2	16.5	15.2	14.0	13.0	12.1	11.4	10.7	10.1	9.6	9.1	8.7	8.3	7.9	7.6
	70	0.331	24.6	21.8	19.6	17.9	16.4	15.1	14.0	13.1	12.3	11.6	10.9	10.3	9.8	9.4	8.9	8.5	8.2
	80	0.354	26.3	23.3	21.0	19.1	17.5	16.2	15.0	14.0	13.1	12.4	11.7	11.1	10.5	10.0	9.5	9.1	8.8
	90	0.375	27.8	24.8	22.3	20.3	18.6	17.1	15.9	14.9	13.9	13.1	12.4	11.7	11.1	10.6	10.1	9.7	9.3
	100	0.395	29.3	26.1	23.5	21.3	19.6	18.1	16.8	15.7	14.7	13.8	13.0	12.4	11.7	11.2	10.7	10.2	9.8
	110	0.415	30.8	27.4	24.6	22.4	20.5	18.9	17.6	16.4	15.4	14.5	13.7	13.0	12.3	11.7	11.2	10.7	10.3
AI11003VS AIUB8503VS	30	0.260	19.3	17.1	15.4	14.0	12.9	11.9	11.0	10.3	9.6	9.1	8.6	8.1	7.7	7.3	7.0	6.7	6.4
	40	0.300	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5	9.9	9.4	8.9	8.5	8.1	7.7	7.4
	50	0.335	24.9	22.1	19.9	18.1	16.6	15.3	14.2	13.3	12.5	11.7	11.1	10.5	10.0	9.5	9.1	8.7	8.3
	60	0.367	27.3	24.2	21.8	19.8	18.2	16.8	15.6	14.5	13.6	12.8	12.1	11.5	10.9	10.4	9.9	9.5	9.1
	70	0.397	29.5	26.2	23.6	21.4	19.6	18.1	16.8	15.7	14.7	13.9	13.1	12.4	11.8	11.2	10.7	10.2	9.8
	80	0.424	31.5	28.0	25.2	22.9	21.0	19.4	18.0	16.8	15.8	14.8	14.0	13.3	12.6	12.0	11.5	11.0	10.5
	90	0.450	33.4	29.7	26.7	24.3	22.3	20.6	19.1	17.8	16.7	15.7	14.9	14.1	13.4	12.7	12.2	11.6	11.1
	100	0.474	35.2	31.3	28.2	25.6	23.5	21.7	20.1	18.8	17.6	16.6	15.7	14.8	14.1	13.4	12.8	12.3	11.7
	110	0.497	36.9	32.8	29.6	26.9	24.6	22.7	21.1	19.7	18.5	17.4	16.4	15.6	14.8	14.1	13.4	12.8	12.3
AI11004VS AIUB8504VS	30	0.346	25.7	22.9	20.6	18.7	17.1	15.8	14.7	13.7	12.9	12.1	11.4	10.8	10.3	9.8	9.4	8.9	8.6
	40	0.400	29.7	26.4	23.8	21.6	19.8	18.3	17.0	15.8	14.9	14.0	13.2	12.5	11.9	11.3	10.8	10.3	9.9
	50	0.447	33.2	29.5	26.6	24.1	22.1	20.4	19.0	17.7	16.6	15.6	14.8	14.0	13.3	12.6	12.1	11.5	11.1
	60	0.490	36.4	32.3	29.1	26.5	24.2	22.4	20.8	19.4	18.2	17.1	16.2	15.3	14.5	13.9	13.2	12.7	12.1
	70	0.529	39.3	34.9	31.4	28.6	26.2	24.2	22.5	21.0	19.6	18.5	17.5	16.5	15.7	15.0	14.3	13.7	13.1
	80	0.566	42.0	37.3	33.6	30.5	28.0	25.8	24.0	22.4	21.0	19.8	18.7	17.7	16.8	16.0	15.3	14.6	14.0
	90	0.600	44.6	39.6	35.6	32.4	29.7	27.4	25.5	23.8	22.3	21.0	19.8	18.8	17.8	17.0	16.2	15.5	14.9
	100	0.632	47.0	41.7	37.6	34.2	31.3	28.9	26.8	25.0	23.5	22.1	20.9	19.8	18.8	17.9	17.1	16.3	15.7
	110	0.663	49.3	43.8	39.4	35.8	32.8	30.3	28.1	26.3	24.6	23.2	21.9	20.7	19.7	18.8	17.9	17.1	16.4
AI11005VS 50 MESH BROWN	30	0.433	32.2	28.6	25.7	23.4	21.4	19.8	18.4	17.1	16.1	15.1	14.3	13.5	12.9	12.2	11.7	11.2	10.7
	40	0.500	37.1	33.0	29.7	27.0	24.8	22.8	21.2	19.8	18.6	17.5	16.5	15.6	14.9	14.1	13.5	12.9	12.4
	50	0.559	41.5	36.9	33.2	30.2	27.7	25.5	23.7	22.1	20.8	19.5	18.4	17.5	16.6	15.8	15.1	14.4	13.8
	60	0.612	45.5	40.4	36.4	33.1	30.3	28.0	26.0	24.2	22.7	21.4	20.2	19.1	18.2	17.3	16.5	15.8	15.2
	70	0.661	49.1	43.7	39.3	35.7	32.7	30.2	28.1	26.2	24.6	23.1	21.8	20.7	19.6	18.7	17.9	17.1	16.4
	80	0.707	52.5	46.7	42.0	38.2	35.0	32.3	30.0	28.0	26.3	24.7	23.3	22.1	21.0	20.0	19.1	18.3	17.5
	90	0.750	55.7	49.5	44.6	40.5	37.1	34.3	31.8	29.7	27.8	26.2	24.8	23.4	22.3	21.2	20.3	19.4	18.6
	100	0.791	58.7	52.2	47.0	42.7	39.1	36.1	33.5	31.3	29.3	27.6	26.1	24.7	23.5	22.4	21.3	20.4	19.6
	110	0.829	61.6	54.7	49.3	44.8	41.0	37.9	35.2	32.8	30.8	29.0	27.4	25.9	24.6	23.5	22.4	21.4	20.5
AI11006VS	30	0.520	38.6	34.3	30.9	28.1	25.7	23.7	22.0	20.6	19.3	18.2	17.1	16.2	15.4	14.7	14.0	13.4	12.9
	40	0.600	44.6	39.6	35.6	32.4	29.7	27.4	25.5	23.8	22.3	21.0	19.8	18.8	17.8	17.0	16.2	15.5	14.9

AI 110° / AI UB 85° 20" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph	
																gpm	psi
3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	0.130	30
3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	0.150	40
4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.5	0.168	50
4.4	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	0.184	60
4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	0.198	70
5.0	4.8	4.7	4.5	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	0.212	80
5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	0.225	90
5.6	5.4	5.2	5.0	4.9	4.7	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	0.237	100
5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	0.249	110
100 MESH																	
4.1	4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	0.173	30
4.8	4.6	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	0.200	40
5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	0.224	50
5.8	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	0.245	60
6.3	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	0.265	70
6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.2	0.283	80
7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.6	5.4	5.2	5.1	5.0	4.8	4.7	4.6	4.5	0.300	90
7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.7	0.316	100
7.9	7.6	7.3	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.1	4.9	0.332	110
50 MESH																	
5.1	4.9	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	0.217	30
5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	0.250	40
6.6	6.4	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.4	4.3	4.2	0.280	50
7.3	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.1	4.9	4.8	4.7	4.5	0.306	60
7.9	7.6	7.3	7.0	6.8	6.5	6.3	6.1	6.0	5.8	5.6	5.5	5.3	5.2	5.0	4.9	0.331	70
8.4	8.1	7.8	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.3	0.354	80
8.9	8.6	8.3	8.0	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	0.375	90
9.4	9.0	8.7	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0	5.9	0.395	100
9.9	9.5	9.1	8.8	8.5	8.2	7.9	7.7	7.5	7.2	7.0	6.8	6.7	6.5	6.3	6.2	0.415	110
50 MESH																	
6.2	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.0	3.9	0.260	30
7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.6	5.4	5.2	5.1	5.0	4.8	4.7	4.6	4.5	0.300	40
8.0	7.7	7.4	7.1	6.9	6.6	6.4	6.2	6.0	5.9	5.7	5.5	5.4	5.2	5.1	5.0	0.335	50
8.7	8.4	8.1	7.8	7.5	7.3	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.5	0.367	60
9.4	9.1	8.7	8.4	8.1	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.9	0.397	70
10.1	9.7	9.3	9.0	8.7	8.4	8.1	7.9	7.6	7.4	7.2	7.0	6.8	6.6	6.5	6.3	0.424	80
10.7	10.3	9.9	9.5	9.2	8.9	8.6	8.4	8.1	7.9	7.6	7.4	7.2	7.0	6.9	6.7	0.450	90
11.3	10.8	10.4	10.1	9.7	9.4	9.1	8.8	8.5	8.3	8.1	7.8	7.6	7.4	7.2	7.0	0.474	100
11.8	11.4	10.9	10.6	10.2	9.9	9.5	9.2	9.0	8.7	8.4	8.2	8.0	7.8	7.6	7.4	0.497	110
50 MESH																	
8.2	7.9	7.6	7.3	7.1	6.9	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.3	5.1	0.346	30
9.5	9.1	8.8	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.3	6.1	5.9	0.400	40
10.6	10.2	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	0.447	50
11.6	11.2	10.8	10.4	10.0	9.7	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.3	0.490	60
12.6	12.1	11.6	11.2	10.8	10.5	10.1	9.8	9.5	9.2	9.0	8.7	8.5	8.3	8.1	7.9	0.529	70
13.4	12.9	12.4	12.0	11.6	11.2	10.8	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.6	8.4	0.566	80
14.3	13.7	13.2	12.7	12.3	11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.9	0.600	90
15.0	14.4	13.9	13.4	13.0	12.5	12.1	11.7	11.4	11.0	10.7	10.4	10.2	9.9	9.6	9.4	0.632	100
15.8	15.2	14.6	14.1	13.6	13.1	12.7	12.3	11.9	11.6	11.3	10.9	10.6	10.4	10.1	9.9	0.663	110
50 MESH																	
10.3	9.9	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.6	7.3	7.1	7.0	6.8	6.6	6.4	0.433	30
11.9	11.4	11.0	10.6	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.3	8.0	7.8	7.6	7.4	0.500	40
13.3	12.8	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8	9.5	9.2	9.0	8.7	8.5	8.3	0.559	50
14.5	14.0	13.5	13.0	12.5	12.1	11.7	11.4	11.0	10.7	10.4	10.1	9.8	9.6	9.3	9.1	0.612	60
15.7	15.1	14.6	14.0	13.5	13.1	12.7	12.3	11.9	11.6	11.2	10.9	10.6	10.3	10.1	9.8	0.661	70
16.8	16.2	15.6	15.0	14.5	14.0	13.5	13.1	12.7	12.4	12.0	11.7	11.4	11.1	10.8	10.5	0.707	80
17.8	17.1	16.5	15.9	15.4	14.9	14.4	13.9	13.5	13.1	12.7	12.4	12.0	11.7	11.4	11.1	0.750	90
18.8	18.1	17.4	16.8	16.2	15.7	15.1	14.7	14.2	13.8	13.4	13.0	12.7	12.4	12.0	11.7	0.791	100
19.7	18.9	18.2	17.6	17.0	16.4	15.9	15.4	14.9	14.5	14.1	13.7	13.3	13.0	12.6	12.3	0.829	110
50 MESH																	
12.3	11.9	11.4	11.0	10.6	10.3	10.0	9.6	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	0.520	30
14.3	13.7	13.2	12.7	12.3	11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.9	0.600	40

AI 110° / AI UB 85° 20" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	
50 MESH	psi																		
	gpm																		
	50	0.671	49.8	44.3	39.8	36.2	33.2	30.7	28.5	26.6	24.9	23.4	22.1	21.0	19.9	19.0	18.1	17.3	16.6
	60	0.735	54.6	48.5	43.6	39.7	36.4	33.6	31.2	29.1	27.3	25.7	24.2	23.0	21.8	20.8	19.8	19.0	18.2
	70	0.794	58.9	52.4	47.1	42.9	39.3	36.3	33.7	31.4	29.5	27.7	26.2	24.8	23.6	22.5	21.4	20.5	19.6
	80	0.849	63.0	56.0	50.4	45.8	42.0	38.8	36.0	33.6	31.5	29.6	28.0	26.5	25.2	24.0	22.9	21.9	21.0
	90	0.900	66.8	59.4	53.5	48.6	44.6	41.1	38.2	35.6	33.4	31.4	29.7	28.1	26.7	25.5	24.3	23.2	22.3
GRAY	100	0.949	70.4	62.6	56.4	51.2	47.0	43.3	40.3	37.6	35.2	33.1	31.3	29.7	28.2	26.8	25.6	24.5	23.5
	110	0.995	73.9	65.7	59.1	53.7	49.3	45.5	42.2	39.4	36.9	34.8	32.8	31.1	29.6	28.1	26.9	25.7	24.6
AI11008VS	30	0.693	51.4	45.7	41.2	37.4	34.3	31.7	29.4	27.4	25.7	24.2	22.9	21.7	20.6	19.6	18.7	17.9	17.1
	40	0.800	59.4	52.8	47.5	43.2	39.6	36.6	33.9	31.7	29.7	28.0	26.4	25.0	23.8	22.6	21.6	20.7	19.8
	50	0.894	66.4	59.0	53.1	48.3	44.3	40.9	37.9	35.4	33.2	31.3	29.5	28.0	26.6	25.3	24.1	23.1	22.1
	60	0.980	72.7	64.7	58.2	52.9	48.5	44.8	41.6	38.8	36.4	34.2	32.3	30.6	29.1	27.7	26.5	25.3	24.2
	70	1.058	78.6	69.8	62.9	57.1	52.4	48.4	44.9	41.9	39.3	37.0	34.9	33.1	31.4	29.9	28.6	27.3	26.2
	80	1.131	84.0	74.7	67.2	61.1	56.0	51.7	48.0	44.8	42.0	39.5	37.3	35.4	33.6	32.0	30.5	29.2	28.0
	90	1.200	89.1	79.2	71.3	64.8	59.4	54.8	50.9	47.5	44.6	41.9	39.6	37.5	35.6	33.9	32.4	31.0	29.7
WHITE	100	1.265	93.9	83.5	75.1	68.3	62.6	57.8	53.7	50.1	47.0	44.2	41.7	39.5	37.6	35.8	34.2	32.7	31.3
	110	1.327	98.5	87.6	78.8	71.6	65.7	60.6	56.3	52.5	49.3	46.4	43.8	41.5	39.4	37.5	35.8	34.3	32.8
AI11010VS	30	0.866	64.3	57.2	51.4	46.8	42.9	39.6	36.7	34.3	32.2	30.3	28.6	27.1	25.7	24.5	23.4	22.4	21.4
	40	1.000	74.3	66.0	59.4	54.0	49.5	45.7	42.4	39.6	37.1	34.9	33.0	31.3	29.7	28.3	27.0	25.8	24.8
	50	1.118	83.0	73.8	66.4	60.4	55.3	51.1	47.4	44.3	41.5	39.1	36.9	35.0	33.2	31.6	30.2	28.9	27.7
	60	1.225	90.9	80.8	72.7	66.1	60.6	56.0	52.0	48.5	45.5	42.8	40.4	38.3	36.4	34.6	33.1	31.6	30.3
	70	1.323	98.2	87.3	78.6	71.4	65.5	60.4	56.1	52.4	49.1	46.2	43.7	41.4	39.3	37.4	35.7	34.2	32.7
	80	1.414	105.0	93.3	84.0	76.4	70.0	64.6	60.0	56.0	52.5	49.4	46.7	44.2	42.0	40.0	38.2	36.5	35.0
	90	1.500	111.4	99.0	89.1	81.0	74.3	68.5	63.6	59.4	55.7	52.4	49.5	46.9	44.6	42.4	40.5	38.7	37.1
LIGHT BLUE	100	1.581	117.4	104.4	93.9	85.4	78.3	72.2	67.1	62.6	58.7	55.2	52.2	49.4	47.0	44.7	42.7	40.8	39.1
	110	1.658	123.1	109.4	98.5	89.5	82.1	75.8	70.4	65.7	61.6	57.9	54.7	51.8	49.3	46.9	44.8	42.8	41.0

AI 110°/ AI UB 85° 20" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
																	gpm	psi
15.9	15.3	14.8	14.2	13.7	13.3	12.9	12.5	12.1	11.7	11.4	11.1	10.8	10.5	10.2	10.0	0.671	50	
17.5	16.8	16.2	15.6	15.1	14.5	14.1	13.6	13.2	12.8	12.5	12.1	11.8	11.5	11.2	10.9	0.735	60	
18.9	18.1	17.5	16.8	16.3	15.7	15.2	14.7	14.3	13.9	13.5	13.1	12.7	12.4	12.1	11.8	0.794	70	
20.2	19.4	18.7	18.0	17.4	16.8	16.3	15.8	15.3	14.8	14.4	14.0	13.6	13.3	12.9	12.6	0.849	80	
21.4	20.6	19.8	19.1	18.4	17.8	17.2	16.7	16.2	15.7	15.3	14.9	14.4	14.1	13.7	13.4	0.900	90	
22.5	21.7	20.9	20.1	19.4	18.8	18.2	17.6	17.1	16.6	16.1	15.7	15.2	14.8	14.4	14.1	0.949	100	
23.6	22.7	21.9	21.1	20.4	19.7	19.1	18.5	17.9	17.4	16.9	16.4	16.0	15.6	15.2	14.8	0.995	110	
50 MESH																		
GRAY																		
16.5	15.8	15.2	14.7	14.2	13.7	13.3	12.9	12.5	12.1	11.8	11.4	11.1	10.8	10.6	10.3	0.693	30	
19.0	18.3	17.6	17.0	16.4	15.8	15.3	14.9	14.4	14.0	13.6	13.2	12.8	12.5	12.2	11.9	0.800	40	
21.3	20.4	19.7	19.0	18.3	17.7	17.1	16.6	16.1	15.6	15.2	14.8	14.4	14.0	13.6	13.3	0.894	50	
23.3	22.4	21.6	20.8	20.1	19.4	18.8	18.2	17.6	17.1	16.6	16.2	15.7	15.3	14.9	14.5	0.980	60	
25.1	24.2	23.3	22.5	21.7	21.0	20.3	19.6	19.0	18.5	18.0	17.5	17.0	16.5	16.1	15.7	1.058	70	
26.9	25.8	24.9	24.0	23.2	22.4	21.7	21.0	20.4	19.8	19.2	18.7	18.2	17.7	17.2	16.8	1.131	80	
28.5	27.4	26.4	25.5	24.6	23.8	23.0	22.3	21.6	21.0	20.4	19.8	19.3	18.8	18.3	17.8	1.200	90	
30.1	28.9	27.8	26.8	25.9	25.0	24.2	23.5	22.8	22.1	21.5	20.9	20.3	19.8	19.3	18.8	1.265	100	
31.5	30.3	29.2	28.1	27.2	26.3	25.4	24.6	23.9	23.2	22.5	21.9	21.3	20.7	20.2	19.7	1.327	110	
50 MESH																		
WHITE																		
20.6	19.8	19.1	18.4	17.7	17.1	16.6	16.1	15.6	15.1	14.7	14.3	13.9	13.5	13.2	12.9	0.866	30	
23.8	22.8	22.0	21.2	20.5	19.8	19.2	18.6	18.0	17.5	17.0	16.5	16.1	15.6	15.2	14.9	1.000	40	
26.6	25.5	24.6	23.7	22.9	22.1	21.4	20.8	20.1	19.5	19.0	18.4	17.9	17.5	17.0	16.6	1.118	50	
29.1	28.0	26.9	26.0	25.1	24.2	23.5	22.7	22.0	21.4	20.8	20.2	19.7	19.1	18.7	18.2	1.225	60	
31.4	30.2	29.1	28.1	27.1	26.2	25.3	24.6	23.8	23.1	22.5	21.8	21.2	20.7	20.1	19.6	1.323	70	
33.6	32.3	31.1	30.0	29.0	28.0	27.1	26.3	25.5	24.7	24.0	23.3	22.7	22.1	21.5	21.0	1.414	80	
35.6	34.3	33.0	31.8	30.7	29.7	28.7	27.8	27.0	26.2	25.5	24.8	24.1	23.4	22.8	22.3	1.500	90	
37.6	36.1	34.8	33.5	32.4	31.3	30.3	29.3	28.5	27.6	26.8	26.1	25.4	24.7	24.1	23.5	1.581	100	
39.4	37.9	36.5	35.2	34.0	32.8	31.8	30.8	29.8	29.0	28.1	27.4	26.6	25.9	25.3	24.6	1.658	110	
50 MESH																		
LIGHT BLUE																		