AI 110°/ AI UB 85° 15" 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
	psi	gpm																
AI110015VS	30	0.130	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
	40	0.15	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
	50	0.168	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
	60	0.184	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
100 MESH	70	0.198	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
	80	0.212	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
	90	0.225	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
GREEN	100	0.237	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
	110	0.249	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
AI11002VS	30	0.173	17.1	15.2	13.7	12.5	11.4	10.6	9.8	9.1	8.6	8.1	7.6	7.2	6.9	6.5	6.2	6.0
	40	0.200	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3	8.8	8.3	7.9	7.5	7.2	6.9
	50	0.224	22.1	19.7	17.7	16.1	14.8	13.6	12.6	11.8	11.1	10.4	9.8	9.3	8.9	8.4	8.0	7.7
	60	0.245	24.2	21.6	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4	10.8	10.2	9.7	9.2	8.8	8.4
50 MESH	70	0.265	26.2	23.3	21.0	19.0	17.5	16.1	15.0	14.0	13.1	12.3	11.6	11.0	10.5	10.0	9.5	9.1
	80	0.283	28.0	24.9	22.4	20.4	18.7	17.2	16.0	14.9	14.0	13.2	12.4	11.8	11.2	10.7	10.2	9.7
	90	0.300	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
YELLOW	100	0.316	31.3	27.8	25.0	22.8	20.9	19.3	17.9	16.7	15.7	14.7	13.9	13.2	12.5	11.9	11.4	10.9
	110	0.332	32.8	29.2	26.3	23.9	21.9	20.2	18.8	17.5	16.4	15.5	14.6	13.8	13.1	12.5	11.9	11.4
AI110025VS AIUB85025VS	30	0.217	21.4	19.1	17.1	15.6	14.3	13.2	12.2	11.4	10.7	10.1	9.5	9.0	8.6	8.2	7.8	7.5
	40	0.250	24.8	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6	11.0	10.4	9.9	9.4	9.0	8.6
	50	0.280	27.7	24.6	22.1	20.1	18.4	17.0	15.8	14.8	13.8	13.0	12.3	11.7	11.1	10.5	10.1	9.6
	60	0.306	30.3	26.9	24.2	22.0	20.2	18.7	17.3	16.2	15.2	14.3	13.5	12.8	12.1	11.5	11.0	10.5
50 MESH	70	0.331	32.7	29.1	26.2	23.8	21.8	20.1	18.7	17.5	16.4	15.4	14.6	13.8	13.1	12.5	11.9	11.4
	80	0.354	35.0	31.1	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.7	14.0	13.3	12.7	12.2
	90	0.375	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
PURPLE	100	0.395	39.1	34.8	31.3	28.5	26.1	24.1	22.4	20.9	19.6	18.4	17.4	16.5	15.7	14.9	14.2	13.6
	110	0.415	41.0	36.5	32.8	29.8	27.4	25.3	23.5	21.9	20.5	19.3	18.2	17.3	16.4	15.6	14.9	14.3
AI11003VS AIUB8503VS	30	0.260	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
	40	0.300	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
	50	0.335	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
	60	0.367	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
50 MESH	70	0.397	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
	80	0.424	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
	90	0.450	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
BLUE	100	0.474	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
	110	0.497	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
AI11004VS AIUB8504VS	30	0.346	34.3	30.5	27.4	24.9	22.9	21.1	19.6	18.3	17.1	16.1	15.2	14.4	13.7	13.1	12.5	11.9
	40	0.400	39.6	35.2	31.7	28.8	26.4	24.4	22.6	21.1	19.8	18.6	17.6	16.7	15.8	15.1	14.4	13.8
	50	0.447	44.3	39.4	35.4	32.2	29.5	27.2	25.3	23.6	22.1	20.8	19.7	18.6	17.7	16.9	16.1	15.4
	60	0.490	48.5	43.1	38.8	35.3	32.3	29.8	27.7	25.9	24.2	22.8	21.6	20.4	19.4	18.5	17.6	16.9
50 MESH	70	0.529	52.4	46.6	41.9	38.1	34.9	32.2	29.9	27.9	26.2	24.7	23.3	22.1	21.0	20.0	19.0	18.2
	80	0.566	56.0	49.8	44.8	40.7	37.3	34.5	32.0	29.9	28.0	26.4	24.9	23.6	22.4	21.3	20.4	19.5
	90	0.600	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
RED	100	0.632	62.6	55.7	50.1	45.5	41.7	38.5	35.8	33.4	31.3	29.5	27.8	26.4	25.0	23.9	22.8	21.8
	110	0.663	65.7	58.4	52.5	47.8	43.8	40.4	37.5	35.0	32.8	30.9	29.2	27.7	26.3	25.0	23.9	22.8
AI11005VS	30	0.433	42.9	38.1	34.3	31.2	28.6	26.4	24.5	22.9	21.4	20.2	19.1	18.0	17.1	16.3	15.6	14.9
	40	0.500	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	23.3	22.0	20.8	19.8	18.9	18.0	17.2
	50	0.559	55.3	49.2	44.3	40.2	36.9	34.1	31.6	29.5	27.7	26.0	24.6	23.3	22.1	21.1	20.1	19.2
	60	0.612	60.6	53.9	48.5	44.1	40.4	37.3	34.6	32.3	30.3	28.5	26.9	25.5	24.2	23.1	22.0	21.1
50 MESH	70	0.661	65.5	58.2	52.4	47.6	43.7	40.3	37.4	34.9	32.7	30.8	29.1	27.6	26.2	24.9	23.8	22.8
	80	0.707	70.0	62.2	56.0	50.9	46.7	43.1	40.0	37.3	35.0	32.9	31.1	29.5	28.0	26.7	25.5	24.3
	90	0.750	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
BROWN	100	0.791	78.3	69.6	62.6	56.9	52.2	48.2	44.7	41.7	39.1	36.8	34.8	33.0	31.3	29.8	28.5	27.2
	110	0.829	82.1	73.0	65.7	59.7	54.7	50.5	46.9	43.8	41.0	38.6	36.5	34.6	32.8	31.3	29.8	28.6
AI11006VS	30	0.520	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
	40	0.600	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

AI 110°/ AI UB 85° 15" TIP SPACING

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

12.0	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	
4.3	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	0.130	30	AI110015VS
5.0	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	0.150	40	
5.5	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	0.168	50	
6.1	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	0.184	60	
6.5	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	0.198	70	100 MESH
7.0	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	0.212	80	
7.4	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	0.225	90	
7.8	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	0.237	100	GREEN
8.2	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	0.249	110	
5.7	5.5	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	0.173	30	AI11002VS
6.6	6.3	6.1	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	0.200	40	
7.4	7.1	6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.4	0.224	50	
8.1	7.8	7.5	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	5.0	4.8	0.245	60	
8.7	8.4	8.1	7.8	7.5	7.2	7.0	6.8	6.5	6.3	6.2	6.0	5.8	5.7	5.5	5.4	5.2	0.265	70	50 MESH
9.3	9.0	8.6	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.7	5.6	0.283	80	
9.9	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	0.300	90	
10.4	10.0	9.6	9.3	8.9	8.6	8.3	8.1	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.3	0.316	100	YELLOW
10.9	10.5	10.1	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.6	0.332	110	
7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	0.217	30	AI110025VS
8.3	7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	0.250	40	AIUB85025VS
9.2	8.9	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.1	6.0	5.8	5.7	5.5	0.280	50	
10.1	9.7	9.3	9.0	8.7	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.1	0.306	60	
10.9	10.5	10.1	9.7	9.4	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	0.331	70	50 MESH
11.7	11.2	10.8	10.4	10.0	9.7	9.3	9.0	8.8	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	0.354	80	
12.4	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	0.375	90	
13.0	12.5	12.0	11.6	11.2	10.8	10.4	10.1	9.8	9.5	9.2	8.9	8.7	8.5	8.2	8.0	7.8	0.395	100	PURPLE
13.7	13.1	12.6	12.2	11.7	11.3	10.9	10.6	10.3	9.9	9.7	9.4	9.1	8.9	8.6	8.4	8.2	0.415	110	
8.6	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	0.260	30	AI11003VS
9.9	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	0.300	40	AIUB8503VS
11.1	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	0.335	50	
12.1	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	0.367	60	
13.1	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	0.397	70	50 MESH
14.0	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	0.424	80	
14.9	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	0.450	90	
15.7	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	0.474	100	BLUE
16.4	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	0.497	110	
11.4	11.0	10.6	10.2	9.8	9.5	9.1	8.9	8.6	8.3	8.1	7.8	7.6	7.4	7.2	7.0	6.9	0.346	30	AI11004VS
13.2	12.7	12.2	11.7	11.3	10.9	10.6	10.2	9.9	9.6	9.3	9.1	8.8	8.6	8.3	8.1	7.9	0.400	40	AIUB8504VS
14.8	14.2	13.6	13.1	12.6	12.2	11.8	11.4	11.1	10.7	10.4	10.1	9.8	9.6	9.3	9.1	8.9	0.447	50	
16.2	15.5	14.9	14.4	13.9	13.4	12.9	12.5	12.1	11.8	11.4	11.1	10.8	10.5	10.2	9.9	9.7	0.490	60	
17.5	16.8	16.1	15.5	15.0	14.5	14.0	13.5	13.1	12.7	12.3	12.0	11.6	11.3	11.0	10.7	10.5	0.529	70	50 MESH
18.7	17.9	17.2	16.6	16.0	15.4	14.9	14.5	14.0	13.6	13.2	12.8	12.4	12.1	11.8	11.5	11.2	0.566	80	
19.8	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	0.600	90	
20.9	20.0	19.3	18.6	17.9	17.3	16.7	16.2	15.7	15.2	14.7	14.3	13.9	13.5	13.2	12.8	12.5	0.632	100	RED
21.9	21.0	20.2	19.5	18.8	18.1	17.5	16.9	16.4	15.9	15.5	15.0	14.6	14.2	13.8	13.5	13.1	0.663	110	
14.3	13.7	13.2	12.7	12.2	11.8	11.4	11.1	10.7	10.4	10.1	9.8	9.5	9.3	9.0	8.8	8.6	0.433	30	AI11005VS
16.5	15.8	15.2	14.7	14.1	13.7	13.2	12.8	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.2	9.9	0.500	40	
18.4	17.7	17.0	16.4	15.8	15.3	14.8	14.3	13.8	13.4	13.0	12.6	12.3	12.0	11.7	11.4	11.1	0.559	50	
20.2	19.4	18.7	18.0	17.3	16.7	16.2	15.6	15.2	14.7	14.3	13.9	13.5	13.1	12.8	12.4	12.1	0.612	60	
21.8	21.0	20.1	19.4	18.7	18.1	17.5	16.9	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.4	13.1	0.661	70	50 MESH
23.3	22.4	21.5	20.7	20.0	19.3	18.7	18.1	17.5	17.0	16.5	16.0	15.6	15.1	14.7	14.4	14.0	0.707	80	
24.8	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	0.750	90	
26.1	25.0	24.1	23.2	22.4	21.6	20.9	20.2	19.6	19.0	18.4	17.9	17.4	16.9	16.5	16.1	15.7	0.791	100	BROWN
27.4	26.3	25.3	24.3	23.5	22.6	21.9	21.2	20.5	19.9	19.3	18.8	18.2	17.7	17.3	16.8	16.4	0.829	110	
17.1	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	0.520	30	AI11006VS
19.8	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	0.600	40	

AI 110°/ AI UB 85° 15" 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
	psi	gpm																
	50	0.671	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
	60	0.735	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
50 MESH	70	0.794	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
	80	0.849	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
	90	0.900	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
GRAY	100	0.949	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
	110	0.995	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
AI11008VS	30	0.693	68.6	61.0	54.9	49.9	45.7	42.2	39.2	36.6	34.3	32.3	30.5	28.9	27.4	26.1	24.9	23.9
	40	0.800	79.2	70.4	63.4	57.6	52.8	48.7	45.3	42.2	39.6	37.3	35.2	33.3	31.7	30.2	28.8	27.5
	50	0.894	88.5	78.7	70.8	64.4	59.0	54.5	50.6	47.2	44.3	41.7	39.4	37.3	35.4	33.7	32.2	30.8
	60	0.980	97.0	86.2	77.6	70.5	64.7	59.7	55.4	51.7	48.5	45.6	43.1	40.8	38.8	37.0	35.3	33.7
50 MESH	70	1.058	104.8	93.1	83.8	76.2	69.8	64.5	59.9	55.9	52.4	49.3	46.6	44.1	41.9	39.9	38.1	36.4
	80	1.131	112.0	99.6	89.6	81.5	74.7	68.9	64.0	59.7	56.0	52.7	49.8	47.2	44.8	42.7	40.7	39.0
	90	1.200	118.8	105.6	95.0	86.4	79.2	73.1	67.9	63.4	59.4	55.9	52.8	50.0	47.5	45.3	43.2	41.3
WHITE	100	1.265	125.2	111.3	100.2	91.1	83.5	77.1	71.6	66.8	62.6	58.9	55.7	52.7	50.1	47.7	45.5	43.6
	110	1.327	131.3	116.7	105.1	95.5	87.6	80.8	75.1	70.0	65.7	61.8	58.4	55.3	52.5	50.0	47.8	45.7
AI11010VS	30	0.866	85.7	76.2	68.6	62.4	57.2	52.8	49.0	45.7	42.9	40.3	38.1	36.1	34.3	32.7	31.2	29.8
	40	1.000	99.0	88.0	79.2	72.0	66.0	60.9	56.6	52.8	49.5	46.6	44.0	41.7	39.6	37.7	36.0	34.4
	50	1.118	110.7	98.4	88.5	80.5	73.8	68.1	63.2	59.0	55.3	52.1	49.2	46.6	44.3	42.2	40.2	38.5
	60	1.225	121.2	107.8	97.0	88.2	80.8	74.6	69.3	64.7	60.6	57.1	53.9	51.1	48.5	46.2	44.1	42.2
50 MESH	70	1.323	131.0	116.4	104.8	95.2	87.3	80.6	74.8	69.8	65.5	61.6	58.2	55.1	52.4	49.9	47.6	45.6
	80	1.414	140.0	124.5	112.0	101.8	93.3	86.2	80.0	74.7	70.0	65.9	62.2	59.0	56.0	53.3	50.9	48.7
	90	1.500	148.5	132.0	118.8	108.0	99.0	91.4	84.9	79.2	74.3	69.9	66.0	62.5	59.4	56.6	54.0	51.7
LIGHT BLUE	100	1.581	156.5	139.1	125.2	113.8	104.4	96.3	89.4	83.5	78.3	73.7	69.6	65.9	62.6	59.6	56.9	54.4
	110	1.658	164.2	145.9	131.3	119.4	109.4	101.0	93.8	87.6	82.1	77.3	73.0	69.1	65.7	62.5	59.7	57.1

AI 110°/ AI UB 85° 15" TIP SPACING

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

12.0	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	
22.1	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	0.671	50	
24.2	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	0.735	60	
26.2	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	0.794	70	50 MESH
28.0	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	0.849	80	
29.7	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	0.900	90	
31.3	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	0.949	100	GRAY
32.8	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	0.995	110	
22.9	21.9	21.1	20.3	19.6	18.9	18.3	17.7	17.1	16.6	16.1	15.7	15.2	14.8	14.4	14.1	13.7	0.693	30	AI11008VS
26.4	25.3	24.4	23.5	22.6	21.8	21.1	20.4	19.8	19.2	18.6	18.1	17.6	17.1	16.7	16.2	15.8	0.800	40	
29.5	28.3	27.2	26.2	25.3	24.4	23.6	22.9	22.1	21.5	20.8	20.2	19.7	19.1	18.6	18.2	17.7	0.894	50	
32.3	31.0	29.8	28.7	27.7	26.8	25.9	25.0	24.2	23.5	22.8	22.2	21.6	21.0	20.4	19.9	19.4	0.980	60	
34.9	33.5	32.2	31.0	29.9	28.9	27.9	27.0	26.2	25.4	24.7	23.9	23.3	22.7	22.1	21.5	21.0	1.058	70	50 MESH
37.3	35.8	34.5	33.2	32.0	30.9	29.9	28.9	28.0	27.2	26.4	25.6	24.9	24.2	23.6	23.0	22.4	1.131	80	
39.6	38.0	36.6	35.2	33.9	32.8	31.7	30.7	29.7	28.8	28.0	27.2	26.4	25.7	25.0	24.4	23.8	1.200	90	
41.7	40.1	38.5	37.1	35.8	34.5	33.4	32.3	31.3	30.4	29.5	28.6	27.8	27.1	26.4	25.7	25.0	1.265	100	WHITE
43.8	42.0	40.4	38.9	37.5	36.2	35.0	33.9	32.8	31.8	30.9	30.0	29.2	28.4	27.7	26.9	26.3	1.327	110	
28.6	27.4	26.4	25.4	24.5	23.7	22.9	22.1	21.4	20.8	20.2	19.6	19.1	18.5	18.0	17.6	17.1	0.866	30	AI11010VS
33.0	31.7	30.5	29.3	28.3	27.3	26.4	25.5	24.8	24.0	23.3	22.6	22.0	21.4	20.8	20.3	19.8	1.000	40	
36.9	35.4	34.1	32.8	31.6	30.5	29.5	28.6	27.7	26.8	26.0	25.3	24.6	23.9	23.3	22.7	22.1	1.118	50	
40.4	38.8	37.3	35.9	34.6	33.4	32.3	31.3	30.3	29.4	28.5	27.7	26.9	26.2	25.5	24.9	24.2	1.225	60	
43.7	41.9	40.3	38.8	37.4	36.1	34.9	33.8	32.7	31.7	30.8	29.9	29.1	28.3	27.6	26.9	26.2	1.323	70	50 MESH
46.7	44.8	43.1	41.5	40.0	38.6	37.3	36.1	35.0	33.9	32.9	32.0	31.1	30.3	29.5	28.7	28.0	1.414	80	
49.5	47.5	45.7	44.0	42.4	41.0	39.6	38.3	37.1	36.0	34.9	33.9	33.0	32.1	31.3	30.5	29.7	1.500	90	
52.2	50.1	48.2	46.4	44.7	43.2	41.7	40.4	39.1	37.9	36.8	35.8	34.8	33.8	33.0	32.1	31.3	1.581	100	LIGHT BLUE
54.7	52.5	50.5	48.6	46.9	45.3	43.8	42.4	41.0	39.8	38.6	37.5	36.5	35.5	34.6	33.7	32.8	1.658	110	