

AI 110° / AI UB 85° 16" 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	12.1	10.7	9.6	8.8	8.0	7.4	6.9	6.4	6.0	5.7	5.4	5.1	4.8	4.6	4.4	4.2	4.0
	40	0.15	13.9	12.4	11.1	10.1	9.3	8.6	8.0	7.4	7.0	6.6	6.2	5.9	5.6	5.3	5.1	4.8	4.6
	50	0.168	15.6	13.8	12.5	11.3	10.4	9.6	8.9	8.3	7.8	7.3	6.9	6.6	6.2	5.9	5.7	5.4	5.2
	60	0.184	17.1	15.2	13.6	12.4	11.4	10.5	9.7	9.1	8.5	8.0	7.6	7.2	6.8	6.5	6.2	5.9	5.7
	70	0.198	18.4	16.4	14.7	13.4	12.3	11.3	10.5	9.8	9.2	8.7	8.2	7.8	7.4	7.0	6.7	6.4	6.1
	80	0.212	19.7	17.5	15.8	14.3	13.1	12.1	11.3	10.5	9.8	9.3	8.8	8.3	7.9	7.5	7.2	6.8	6.6
	90	0.225	20.9	18.6	16.7	15.2	13.9	12.9	11.9	11.1	10.4	9.8	9.3	8.8	8.4	8.0	7.6	7.3	7.0
	100	0.237	22.0	19.6	17.6	16.0	14.7	13.5	12.6	11.7	11.0	10.4	9.8	9.3	8.8	8.4	8.0	7.7	7.3
	110	0.249	23.1	20.5	18.5	16.8	15.4	14.2	13.2	12.3	11.5	10.9	10.3	9.7	9.2	8.8	8.4	8.0	7.7
AI11002VS 50 MESH YELLOW	30	0.173	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	0.200	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	0.224	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	0.245	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	0.265	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	0.283	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	0.300	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	0.316	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	0.332	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
AI110025VS AIUB85025VS 50 MESH TURQUOISE	30	0.217	20.1	17.9	16.1	14.6	13.4	12.4	11.5	10.7	10.0	9.5	8.9	8.5	8.0	7.7	7.3	7.0	6.7
	40	0.250	23.2	20.6	18.6	16.9	15.5	14.3	13.3	12.4	11.6	10.9	10.3	9.8	9.3	8.8	8.4	8.1	7.7
	50	0.280	25.9	23.1	20.8	18.9	17.3	16.0	14.8	13.8	13.0	12.2	11.5	10.9	10.4	9.9	9.4	9.0	8.6
	60	0.306	28.4	25.3	22.7	20.7	18.9	17.5	16.2	15.2	14.2	13.4	12.6	12.0	11.4	10.8	10.3	9.9	9.5
	70	0.331	30.7	27.3	24.6	22.3	20.5	18.9	17.5	16.4	15.3	14.4	13.6	12.9	12.3	11.7	11.2	10.7	10.2
	80	0.354	32.8	29.2	26.3	23.9	21.9	20.2	18.8	17.5	16.4	15.4	14.6	13.8	13.1	12.5	11.9	11.4	10.9
	90	0.375	34.8	30.9	27.8	25.3	23.2	21.4	19.9	18.6	17.4	16.4	15.5	14.7	13.9	13.3	12.7	12.1	11.6
	100	0.395	36.7	32.6	29.3	26.7	24.5	22.6	21.0	19.6	18.3	17.3	16.3	15.4	14.7	14.0	13.3	12.8	12.2
	110	0.415	38.5	34.2	30.8	28.0	25.7	23.7	22.0	20.5	19.2	18.1	17.1	16.2	15.4	14.7	14.0	13.4	12.8
AI11003VS AIUB8503VS 50 MESH BLUE	30	0.260	24.1	21.4	19.3	17.5	16.1	14.8	13.8	12.9	12.1	11.3	10.7	10.2	9.6	9.2	8.8	8.4	8.0
	40	0.300	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
	50	0.335	31.1	27.7	24.9	22.6	20.8	19.2	17.8	16.6	15.6	14.6	13.8	13.1	12.5	11.9	11.3	10.8	10.4
	60	0.367	34.1	30.3	27.3	24.8	22.7	21.0	19.5	18.2	17.1	16.0	15.2	14.4	13.6	13.0	12.4	11.9	11.4
	70	0.397	36.8	32.7	29.5	26.8	24.6	22.7	21.0	19.6	18.4	17.3	16.4	15.5	14.7	14.0	13.4	12.8	12.3
	80	0.424	39.4	35.0	31.5	28.6	26.3	24.2	22.5	21.0	19.7	18.5	17.5	16.6	15.8	15.0	14.3	13.7	13.1
	90	0.450	41.8	37.1	33.4	30.4	27.8	25.7	23.9	22.3	20.9	19.7	18.6	17.6	16.7	15.9	15.2	14.5	13.9
	100	0.474	44.0	39.1	35.2	32.0	29.3	27.1	25.2	23.5	22.0	20.7	19.6	18.5	17.6	16.8	16.0	15.3	14.7
	110	0.497	46.2	41.0	36.9	33.6	30.8	28.4	26.4	24.6	23.1	21.7	20.5	19.4	18.5	17.6	16.8	16.1	15.4
AI11004VS AIUB8504VS 50 MESH RED	30	0.346	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	0.400	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	0.447	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	0.490	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	0.529	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	0.566	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	0.600	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	0.632	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	0.663	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

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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
3.9	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4	0.130	30	
4.5	4.3	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	0.150	40	
5.0	4.8	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	0.168	50	
5.5	5.2	5.1	4.9	4.7	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	0.184	60	
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	0.198	70	
6.3	6.1	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	3.9	0.212	80	
6.7	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.2	0.225	90	
7.0	6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.8	4.6	4.5	4.4	0.237	100	
7.4	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.9	4.7	4.6	0.249	110	
AI110015VS																		
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	0.173	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	0.200	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	0.224	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	0.245	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	0.265	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	0.283	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	0.300	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	0.316	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	0.332	110	
AI11002VS																		
6.4	6.2	6.0	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	0.217	30	
7.4	7.1	6.9	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.0	4.9	4.8	4.6	0.250	40	
8.3	8.0	7.7	7.4	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.3	5.2	0.280	50	
9.1	8.7	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.1	6.0	5.8	5.7	0.306	60	
9.8	9.4	9.1	8.8	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.5	6.3	6.1	0.331	70	
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	0.354	80	
11.1	10.7	10.3	9.9	9.6	9.3	9.0	8.7	8.4	8.2	8.0	7.7	7.5	7.3	7.1	7.0	0.375	90	
11.7	11.3	10.9	10.5	10.1	9.8	9.5	9.2	8.9	8.6	8.4	8.2	7.9	7.7	7.5	7.3	0.395	100	
12.3	11.8	11.4	11.0	10.6	10.3	9.9	9.6	9.3	9.1	8.8	8.6	8.3	8.1	7.9	7.7	0.415	110	
AI110025VS AIUB85025VS																		
7.7	7.4	7.1	6.9	6.7	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.8	0.260	30	
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	0.300	40	
10.0	9.6	9.2	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.6	6.4	6.2	0.335	50	
10.9	10.5	10.1	9.7	9.4	9.1	8.8	8.5	8.3	8.0	7.8	7.6	7.4	7.2	7.0	6.8	0.367	60	
11.8	11.3	10.9	10.5	10.2	9.8	9.5	9.2	8.9	8.7	8.4	8.2	8.0	7.8	7.6	7.4	0.397	70	
12.6	12.1	11.7	11.3	10.9	10.5	10.2	9.8	9.5	9.3	9.0	8.8	8.5	8.3	8.1	7.9	0.424	80	
13.4	12.9	12.4	11.9	11.5	11.1	10.8	10.4	10.1	9.8	9.5	9.3	9.0	8.8	8.6	8.4	0.450	90	
14.1	13.5	13.0	12.6	12.1	11.7	11.4	11.0	10.7	10.4	10.1	9.8	9.5	9.3	9.0	8.8	0.474	100	
14.8	14.2	13.7	13.2	12.7	12.3	11.9	11.5	11.2	10.9	10.6	10.3	10.0	9.7	9.5	9.2	0.497	110	
AI11003VS AIUB8503VS																		
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	0.346	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	0.400	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	0.447	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	0.490	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	0.529	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	0.566	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	0.600	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	0.632	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	0.663	110	
AI11004VS AIUB8504VS																		
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	0.346	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	0.400	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	0.447	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	0.490	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	0.529	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	0.566	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	0.600	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	0.632	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	0.663	110	

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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	
AI11005VS	30	0.433	40.2	35.7	32.2	29.2	26.8	24.7	23.0	21.4	20.1	18.9	17.9	16.9	16.1	15.3	14.6	14.0	13.4
	40	0.500	46.4	41.3	37.1	33.8	30.9	28.6	26.5	24.8	23.2	21.8	20.6	19.5	18.6	17.7	16.9	16.1	15.5
	50	0.559	51.9	46.1	41.5	37.7	34.6	31.9	29.6	27.7	25.9	24.4	23.1	21.8	20.8	19.8	18.9	18.0	17.3
50 MESH	60	0.612	56.8	50.5	45.5	41.3	37.9	35.0	32.5	30.3	28.4	26.7	25.3	23.9	22.7	21.7	20.7	19.8	18.9
	70	0.661	61.4	54.6	49.1	44.6	40.9	37.8	35.1	32.7	30.7	28.9	27.3	25.8	24.6	23.4	22.3	21.4	20.5
	80	0.707	65.6	58.3	52.5	47.7	43.8	40.4	37.5	35.0	32.8	30.9	29.2	27.6	26.3	25.0	23.9	22.8	21.9
BROWN	90	0.750	69.6	61.9	55.7	50.6	46.4	42.8	39.8	37.1	34.8	32.8	30.9	29.3	27.8	26.5	25.3	24.2	23.2
	100	0.791	73.4	65.2	58.7	53.4	48.9	45.2	41.9	39.1	36.7	34.5	32.6	30.9	29.3	28.0	26.7	25.5	24.5
	110	0.829	77.0	68.4	61.6	56.0	51.3	47.4	44.0	41.0	38.5	36.2	34.2	32.4	30.8	29.3	28.0	26.8	25.7
AI11006VS	30	0.520	48.2	42.9	38.6	35.1	32.2	29.7	27.6	25.7	24.1	22.7	21.4	20.3	19.3	18.4	17.5	16.8	16.1
	40	0.600	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
	50	0.671	62.3	55.3	49.8	45.3	41.5	38.3	35.6	33.2	31.1	29.3	27.7	26.2	24.9	23.7	22.6	21.7	20.8
50 MESH	60	0.735	68.2	60.6	54.6	49.6	45.5	42.0	39.0	36.4	34.1	32.1	30.3	28.7	27.3	26.0	24.8	23.7	22.7
	70	0.794	73.7	65.5	58.9	53.6	49.1	45.3	42.1	39.3	36.8	34.7	32.7	31.0	29.5	28.1	26.8	25.6	24.6
	80	0.849	78.8	70.0	63.0	57.3	52.5	48.5	45.0	42.0	39.4	37.1	35.0	33.2	31.5	30.0	28.6	27.4	26.3
GRAY	90	0.900	83.5	74.3	66.8	60.8	55.7	51.4	47.7	44.6	41.8	39.3	37.1	35.2	33.4	31.8	30.4	29.1	27.8
	100	0.949	88.0	78.3	70.4	64.0	58.7	54.2	50.3	47.0	44.0	41.4	39.1	37.1	35.2	33.5	32.0	30.6	29.3
	110	0.995	92.3	82.1	73.9	67.2	61.6	56.8	52.8	49.3	46.2	43.5	41.0	38.9	36.9	35.2	33.6	32.1	30.8
AI11008VS	30	0.693	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	0.800	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	0.894	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
50 MESH	60	0.980	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	1.058	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	1.131	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
WHITE	90	1.200	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
	100	1.265	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	1.327	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
AI11010VS	30	0.866	80.4	71.4	64.3	58.5	53.6	49.5	45.9	42.9	40.2	37.8	35.7	33.8	32.2	30.6	29.2	28.0	26.8
	40	1.000	92.8	82.5	74.3	67.5	61.9	57.1	53.0	49.5	46.4	43.7	41.3	39.1	37.1	35.4	33.8	32.3	30.9
	50	1.118	103.8	92.2	83.0	75.5	69.2	63.9	59.3	55.3	51.9	48.8	46.1	43.7	41.5	39.5	37.7	36.1	34.6
50 MESH	60	1.225	113.7	101.0	90.9	82.7	75.8	70.0	65.0	60.6	56.8	53.5	50.5	47.9	45.5	43.3	41.3	39.5	37.9
	70	1.323	122.8	109.1	98.2	89.3	81.9	75.6	70.2	65.5	61.4	57.8	54.6	51.7	49.1	46.8	44.6	42.7	40.9
	80	1.414	131.3	116.7	105.0	95.5	87.5	80.8	75.0	70.0	65.6	61.8	58.3	55.3	52.5	50.0	47.7	45.7	43.8
LIGHT BLUE	90	1.500	139.2	123.8	111.4	101.3	92.8	85.7	79.6	74.3	69.6	65.5	61.9	58.6	55.7	53.0	50.6	48.4	46.4
	100	1.581	146.7	130.4	117.4	106.7	97.8	90.3	83.9	78.3	73.4	69.1	65.2	61.8	58.7	55.9	53.4	51.0	48.9
	110	1.658	153.9	136.8	123.1	111.9	102.6	94.7	87.9	82.1	77.0	72.4	68.4	64.8	61.6	58.6	56.0	53.5	51.3

AI 110° / AI UB 85° 16" 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	
12.9	12.4	11.9	11.5	11.1	10.7	10.4	10.0	9.7	9.5	9.2	8.9	8.7	8.5	8.2	8.0	0.433	30
14.9	14.3	13.8	13.3	12.8	12.4	12.0	11.6	11.3	10.9	10.6	10.3	10.0	9.8	9.5	9.3	0.500	40
16.6	16.0	15.4	14.8	14.3	13.8	13.4	13.0	12.6	12.2	11.9	11.5	11.2	10.9	10.6	10.4	0.559	50
18.2	17.5	16.8	16.2	15.7	15.2	14.7	14.2	13.8	13.4	13.0	12.6	12.3	12.0	11.7	11.4	0.612	60
19.6	18.9	18.2	17.5	16.9	16.4	15.8	15.3	14.9	14.4	14.0	13.6	13.3	12.9	12.6	12.3	0.661	70
21.0	20.2	19.4	18.8	18.1	17.5	16.9	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.5	13.1	0.707	80
22.3	21.4	20.6	19.9	19.2	18.6	18.0	17.4	16.9	16.4	15.9	15.5	15.1	14.7	14.3	13.9	0.750	90
23.5	22.6	21.7	21.0	20.2	19.6	18.9	18.3	17.8	17.3	16.8	16.3	15.9	15.4	15.1	14.7	0.791	100
24.6	23.7	22.8	22.0	21.2	20.5	19.9	19.2	18.7	18.1	17.6	17.1	16.6	16.2	15.8	15.4	0.829	110
15.4	14.8	14.3	13.8	13.3	12.9	12.4	12.1	11.7	11.3	11.0	10.7	10.4	10.2	9.9	9.6	0.520	30
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	0.600	40
19.9	19.2	18.4	17.8	17.2	16.6	16.1	15.6	15.1	14.6	14.2	13.8	13.5	13.1	12.8	12.5	0.671	50
21.8	21.0	20.2	19.5	18.8	18.2	17.6	17.1	16.5	16.0	15.6	15.2	14.7	14.4	14.0	13.6	0.735	60
23.6	22.7	21.8	21.0	20.3	19.6	19.0	18.4	17.9	17.3	16.8	16.4	15.9	15.5	15.1	14.7	0.794	70
25.2	24.2	23.3	22.5	21.7	21.0	20.3	19.7	19.1	18.5	18.0	17.5	17.0	16.6	16.2	15.8	0.849	80
26.7	25.7	24.8	23.9	23.0	22.3	21.6	20.9	20.3	19.7	19.1	18.6	18.1	17.6	17.1	16.7	0.900	90
28.2	27.1	26.1	25.2	24.3	23.5	22.7	22.0	21.3	20.7	20.1	19.6	19.0	18.5	18.1	17.6	0.949	100
29.6	28.4	27.4	26.4	25.5	24.6	23.8	23.1	22.4	21.7	21.1	20.5	20.0	19.4	18.9	18.5	0.995	110
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	0.693	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	0.800	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	0.894	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	0.980	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	1.058	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	1.131	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	1.200	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	1.265	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	1.327	110
25.7	24.7	23.8	23.0	22.2	21.4	20.7	20.1	19.5	18.9	18.4	17.9	17.4	16.9	16.5	16.1	0.866	30
29.7	28.6	27.5	26.5	25.6	24.8	24.0	23.2	22.5	21.8	21.2	20.6	20.1	19.5	19.0	18.6	1.000	40
33.2	31.9	30.7	29.6	28.6	27.7	26.8	25.9	25.2	24.4	23.7	23.1	22.4	21.8	21.3	20.8	1.118	50
36.4	35.0	33.7	32.5	31.4	30.3	29.3	28.4	27.6	26.7	26.0	25.3	24.6	23.9	23.3	22.7	1.225	60
39.3	37.8	36.4	35.1	33.9	32.7	31.7	30.7	29.8	28.9	28.1	27.3	26.5	25.8	25.2	24.6	1.323	70
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	27.6	26.9	26.3	1.414	80
44.6	42.8	41.3	39.8	38.4	37.1	35.9	34.8	33.8	32.8	31.8	30.9	30.1	29.3	28.6	27.8	1.500	90
47.0	45.2	43.5	41.9	40.5	39.1	37.9	36.7	35.6	34.5	33.5	32.6	31.7	30.9	30.1	29.3	1.581	100
49.3	47.4	45.6	44.0	42.5	41.0	39.7	38.5	37.3	36.2	35.2	34.2	33.3	32.4	31.6	30.8	1.658	110