AI 110°/ AI UB 85° 32" 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	30	0.130	6.0	5.4	4.8	4.4	4.0	3.7	3.4	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.2	2.1	2.0
	40	0.15	7.0	6.2	5.6	5.1	4.6	4.3	4.0	3.7	3.5	3.3	3.1	2.9	2.8	2.7	2.5	2.4	2.3
	50	0.168	7.8	6.9	6.2	5.7	5.2	4.8	4.4	4.2	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6
	60	0.184	8.5	7.6	6.8	6.2	5.7	5.2	4.9	4.5	4.3	4.0	3.8	3.6	3.4	3.2	3.1	3.0	2.8
100 MESH	70	0.198	9.2	8.2	7.4	6.7	6.1	5.7	5.3	4.9	4.6	4.3	4.1	3.9	3.7	3.5	3.3	3.2	3.1
	80	0.212	9.8	8.8	7.9	7.2	6.6	6.1	5.6	5.3	4.9	4.6	4.4	4.1	3.9	3.8	3.6	3.4	3.3
	90	0.225	10.4	9.3	8.4	7.6	7.0	6.4	6.0	5.6	5.2	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.5
GREEN	100	0.237	11.0	9.8	8.8	8.0	7.3	6.8	6.3	5.9	5.5	5.2	4.9	4.6	4.4	4.2	4.0	3.8	3.7
	110	0.249	11.5	10.3	9.2	8.4	7.7	7.1	6.6	6.2	5.8	5.4	5.1	4.9	4.6	4.4	4.2	4.0	3.8
AI11002VS	30	0.173	8.0	7.1	6.4	5.8	5.4	4.9	4.6	4.3	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.8	2.7
	40	0.200	9.3	8.3	7.4	6.8	6.2	5.7	5.3	5.0	4.6	4.4	4.1	3.9	3.7	3.5	3.4	3.2	3.1
	50	0.224	10.4	9.2	8.3	7.5	6.9	6.4	5.9	5.5	5.2	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.5
	60	0.245	11.4	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.3	5.1	4.8	4.5	4.3	4.1	4.0	3.8
50 MESH	70	0.265	12.3	10.9	9.8	8.9	8.2	7.6	7.0	6.5	6.1	5.8	5.5	5.2	4.9	4.7	4.5	4.3	4.1
	80	0.283	13.1	11.7	10.5	9.5	8.8	8.1	7.5	7.0	6.6	6.2	5.8	5.5	5.3	5.0	4.8	4.6	4.4
	90	0.300	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
YELLOW	100	0.316	14.7	13.0	11.7	10.7	9.8	9.0	8.4	7.8	7.3	6.9	6.5	6.2	5.9	5.6	5.3	5.1	4.9
	110	0.332	15.4	13.7	12.3	11.2	10.3	9.5	8.8	8.2	7.7	7.2	6.8	6.5	6.2	5.9	5.6	5.4	5.1
AI110025VS	30	0.217	10.0	8.9	8.0	7.3	6.7	6.2	5.7	5.4	5.0	4.7	4.5	4.2	4.0	3.8	3.7	3.5	3.3
AIUB85025VS	40	0.250	11.6	10.3	9.3	8.4	7.7	7.1	6.6	6.2	5.8	5.5	5.2	4.9	4.6	4.4	4.2	4.0	3.9
	50	0.280	13.0	11.5	10.4	9.4	8.6	8.0	7.4	6.9	6.5	6.1	5.8	5.5	5.2	4.9	4.7	4.5	4.3
	60	0.306	14.2	12.6	11.4	10.3	9.5	8.7	8.1	7.6	7.1	6.7	6.3	6.0	5.7	5.4	5.2	4.9	4.7
50 MESH	70	0.331	15.3	13.6	12.3	11.2	10.2	9.4	8.8	8.2	7.7	7.2	6.8	6.5	6.1	5.8	5.6	5.3	5.1
	80	0.354	16.4	14.6	13.1	11.9	10.9	10.1	9.4	8.8	8.2	7.7	7.3	6.9	6.6	6.3	6.0	5.7	5.5
	90	0.375	17.4	15.5	13.9	12.7	11.6	10.7	9.9	9.3	8.7	8.2	7.7	7.3	7.0	6.6	6.3	6.1	5.8
PURPLE	100	0.395	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6	8.2	7.7	7.3	7.0	6.7	6.4	6.1
	110	0.415	19.2	17.1	15.4	14.0	12.8	11.8	11.0	10.3	9.6	9.1	8.6	8.1	7.7	7.3	7.0	6.7	6.4
AI11003VS	30	0.260	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
AIUB8503VS	40	0.300	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	0.335	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	0.367	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
50 MESH	70	0.397	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	0.424	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	0.450	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
BLUE	100	0.474	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	0.497	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
AI11004VS	30	0.346	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
AIUB8504VS	40	0.400	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	0.447	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	0.490	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
50 MESH	70	0.529	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	0.566	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	0.600	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
RED	100	0.632	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	0.663	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
AI11005VS	30	0.433	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	0.500	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	0.559	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	0.612	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
50 MESH	70	0.661	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	0.707	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	0.750	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
BROWN	100	0.791	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	0.829	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

AI 110°/ AI UB 85° 32" 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	
1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	0.130	30	AI110015VS
2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	0.150	40	
2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	0.168	50	
2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	0.184	60	
2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	0.198	70	100 MESH
3.2	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	0.212	80	
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	2.1	2.1	0.225	90	
3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.2	0.237	100	GREEN
3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	0.249	110	
2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	0.173	30	AI11002VS
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	1.9	0.200	40	
3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	0.224	50	
3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	0.245	60	
3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.5	0.265	70	50 MESH
4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	0.283	80	
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	0.300	90	
4.7	4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	0.316	100	YELLOW
4.9	4.7	4.6	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.1	0.332	110	
3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.0	0.217	30	AI110025VS
3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	0.250	40	AIUB85025VS
4.2	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.7	2.6	0.280	50	
4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8	0.306	60	
4.9	4.7	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.1	0.331	70	50 MESH
5.3	5.0	4.9	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.5	3.4	3.3	0.354	80	
5.6	5.4	5.2	5.0	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	0.375	90	
5.9	5.6	5.4	5.2	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	0.395	100	PURPLE
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	3.9	3.8	0.415	110	
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	0.260	30	AI11003VS
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	0.300	40	AIUB8503VS
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	0.335	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	0.367	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	0.397	70	50 MESH
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	0.424	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	0.450	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	0.474	100	BLUE
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	0.497	110	
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	0.346	30	AI11004VS
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	0.400	40	AIUB8504VS
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	0.447	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	0.490	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	0.529	70	50 MESH
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	0.566	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	0.600	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	0.632	100	RED
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	0.663	110	
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	0.433	30	AI11005VS
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	0.500	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	0.559	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	0.612	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	0.661	70	50 MESH
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	0.707	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	0.750	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	0.791	100	BROWN
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	0.829	110	

AI 110°/ AI UB 85° 32" 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																	
AI11006VS	30	0.520	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	0.600	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	0.671	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	0.735	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
50 MESH	70	0.794	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	0.849	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	0.900	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
GRAY	100	0.949	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	0.995	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
AI11008VS	30	0.693	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	0.800	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	0.894	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	0.980	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
50 MESH	70	1.058	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	1.131	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	1.200	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
WHITE	100	1.265	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	1.327	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
AI11010VS	30	0.866	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	1.000	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	1.118	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
	60	1.225	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
50 MESH	70	1.323	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	1.414	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
	90	1.500	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
LIGHT BLUE	100	1.581	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	1.658	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

AI 110°/ AI UB 85° 32" 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	
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	0.520	30	AI11006VS
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	0.600	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	0.671	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	0.735	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	0.794	70	50 MESH
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	0.849	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	0.900	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	0.949	100	GRAY
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	0.995	110	
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	0.693	30	AI11008VS
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	0.800	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	0.894	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	0.980	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	1.058	70	50 MESH
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	1.131	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	1.200	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	1.265	100	WHITE
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	1.327	110	
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	0.866	30	AI11010VS
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	1.000	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	1.118	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	1.225	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	1.323	70	50 MESH
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	1.414	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	1.500	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	1.581	100	LIGHT BLUE
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	1.658	110	