

SMALL TK FLOODJET 38" 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																			
TKSS.50	10	0.05	2.0	1.7	1.6	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7
	20	0.07	2.8	2.5	2.2	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9
	30	0.09	3.4	3.0	2.7	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1
100 MESH	40	0.10	3.9	3.5	3.1	2.8	2.6	2.4	2.2	2.1	2.0	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3
TKSS.75	10	0.08	2.9	2.6	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0
	20	0.11	4.3	3.8	3.4	3.1	2.9	2.6	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.4
	30	0.13	5.1	4.5	4.1	3.7	3.4	3.1	2.9	2.7	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.8	1.7
100 MESH	40	0.15	5.9	5.2	4.7	4.3	3.9	3.6	3.3	3.1	2.9	2.8	2.6	2.5	2.3	2.2	2.1	2.0	2.0
TKSS1	10	0.10	3.9	3.5	3.1	2.8	2.6	2.4	2.2	2.1	2.0	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3
	20	0.14	5.5	4.9	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1	2.0	1.9	1.8
	30	0.17	6.6	5.9	5.3	4.8	4.4	4.1	3.8	3.5	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.3	2.2
50 MESH	40	0.20	7.8	6.9	6.3	5.7	5.2	4.8	4.5	4.2	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6
TKSS1.5	10	0.15	5.9	5.2	4.7	4.3	3.9	3.6	3.3	3.1	2.9	2.8	2.6	2.5	2.3	2.2	2.1	2.0	2.0
	20	0.21	8.2	7.3	6.6	6.0	5.5	5.1	4.7	4.4	4.1	3.9	3.6	3.5	3.3	3.1	3.0	2.9	2.7
	30	0.26	10.2	9.0	8.1	7.4	6.8	6.3	5.8	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.4
50 MESH	40	0.30	11.7	10.4	9.4	8.5	7.8	7.2	6.7	6.3	5.9	5.5	5.2	4.9	4.7	4.5	4.3	4.1	3.9
TKVS2 RED	10	0.20	7.8	6.9	6.3	5.7	5.2	4.8	4.5	4.2	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6
	20	0.28	10.9	9.7	8.8	8.0	7.3	6.7	6.3	5.8	5.5	5.1	4.9	4.6	4.4	4.2	4.0	3.8	3.6
	30	0.35	13.7	12.2	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.1	5.8	5.5	5.2	5.0	4.8	4.6
50 MESH	40	0.40	15.6	13.9	12.5	11.4	10.4	9.6	8.9	8.3	7.8	7.4	6.9	6.6	6.3	6.0	5.7	5.4	5.2
TKVS2.5 BROWN	10	0.25	9.8	8.7	7.8	7.1	6.5	6.0	5.6	5.2	4.9	4.6	4.3	4.1	3.9	3.7	3.6	3.4	3.3
	20	0.35	13.7	12.2	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.1	5.8	5.5	5.2	5.0	4.8	4.6
	30	0.43	16.8	14.9	13.4	12.2	11.2	10.3	9.6	9.0	8.4	7.9	7.5	7.1	6.7	6.4	6.1	5.8	5.6
50 MESH	40	0.50	19.5	17.4	15.6	14.2	13.0	12.0	11.2	10.4	9.8	9.2	8.7	8.2	7.8	7.4	7.1	6.8	6.5
TKVS3 GRAY	10	0.30	11.7	10.4	9.4	8.5	7.8	7.2	6.7	6.3	5.9	5.5	5.2	4.9	4.7	4.5	4.3	4.1	3.9
	20	0.42	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
	30	0.52	20.3	18.1	16.3	14.8	13.5	12.5	11.6	10.8	10.2	9.6	9.0	8.6	8.1	7.7	7.4	7.1	6.8
50 MESH	40	0.60	23.4	20.8	18.8	17.1	15.6	14.4	13.4	12.5	11.7	11.0	10.4	9.9	9.4	8.9	8.5	8.2	7.8
TKVS4 WHITE	10	0.40	15.6	13.9	12.5	11.4	10.4	9.6	8.9	8.3	7.8	7.4	6.9	6.6	6.3	6.0	5.7	5.4	5.2
	20	0.57	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
	30	0.69	27.0	24.0	21.6	19.6	18.0	16.6	15.4	14.4	13.5	12.7	12.0	11.4	10.8	10.3	9.8	9.4	9.0
40	0.80	31.3	27.8	25.0	22.7	20.8	19.2	17.9	16.7	15.6	14.7	13.9	13.2	12.5	11.9	11.4	10.9	10.4	
TKVS5 BLUE	10	0.50	19.5	17.4	15.6	14.2	13.0	12.0	11.2	10.4	9.8	9.2	8.7	8.2	7.8	7.4	7.1	6.8	6.5
	20	0.71	27.7	24.7	22.2	20.2	18.5	17.1	15.9	14.8	13.9	13.1	12.3	11.7	11.1	10.6	10.1	9.7	9.2
	30	0.87	34.0	30.2	27.2	24.7	22.7	20.9	19.4	18.1	17.0	16.0	15.1	14.3	13.6	13.0	12.4	11.8	11.3
40	1.00	39.1	34.7	31.3	28.4	26.1	24.0	22.3	20.8	19.5	18.4	17.4	16.5	15.6	14.9	14.2	13.6	13.0	
TKVS7.5 GREEN	10	0.75	29.3	26.1	23.4	21.3	19.5	18.0	16.7	15.6	14.7	13.8	13.0	12.3	11.7	11.2	10.7	10.2	9.8
	20	1.10	43.0	38.2	34.4	31.3	28.7	26.5	24.6	22.9	21.5	20.2	19.1	18.1	17.2	16.4	15.6	15.0	14.3
	30	1.30	50.8	45.2	40.6	36.9	33.9	31.3	29.0	27.1	25.4	23.9	22.6	21.4	20.3	19.4	18.5	17.7	16.9
40	1.50	58.6	52.1	46.9	42.6	39.1	36.1	33.5	31.3	29.3	27.6	26.1	24.7	23.4	22.3	21.3	20.4	19.5	
TKVS10 BLACK	10	1.00	39.1	34.7	31.3	28.4	26.1	24.0	22.3	20.8	19.5	18.4	17.4	16.5	15.6	14.9	14.2	13.6	13.0
	20	1.40	54.7	48.6	43.8	39.8	36.5	33.7	31.3	29.2	27.4	25.7	24.3	23.0	21.9	20.8	19.9	19.0	18.2
	30	1.70	66.4	59.1	53.1	48.3	44.3	40.9	38.0	35.4	33.2	31.3	29.5	28.0	26.6	25.3	24.2	23.1	22.1
40	2.00	78.2	69.5	62.5	56.8	52.1	48.1	44.7	41.7	39.1	36.8	34.7	32.9	31.3	29.8	28.4	27.2	26.1	
TKSS15	10	1.50	58.6	52.1	46.9	42.6	39.1	36.1	33.5	31.3	29.3	27.6	26.1	24.7	23.4	22.3	21.3	20.4	19.5
	20	2.12	82.8	73.6	66.3	60.3	55.2	51.0	47.3	44.2	41.4	39.0	36.8	34.9	33.1	31.6	30.1	28.8	27.6
	30	2.60	101.6	90.3	81.3	73.9	67.7	62.5	58.1	54.2	50.8	47.8	45.2	42.8	40.6	38.7	36.9	35.3	33.9
40	3.00	117.2	104.2	93.8	85.3	78.2	72.1	67.0	62.5	58.6	55.2	52.1	49.4	46.9	44.7	42.6	40.8	39.1	
TKSS20	10	2.00	78.2	69.5	62.5	56.8	52.1	48.1	44.7	41.7	39.1	36.8	34.7	32.9	31.3	29.8	28.4	27.2	26.1
	20	2.83	110.6	98.3	88.5	80.4	73.7	68.1	63.2	59.0	55.3	52.0	49.2	46.6	44.2	42.1	40.2	38.5	36.9
	30	3.46	135.2	120.2	108.2	98.3	90.1	83.2	77.3	72.1	67.6	63.6	60.1	56.9	54.1	51.5	49.2	47.0	45.1
40	4.00	156.3	138.9	125.1	113.7	104.2	96.2	89.3	83.4	78.2	73.6	69.5	65.8	62.5	59.5	56.8	54.4	52.1	

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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
0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.05	10
0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.07	20
1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.09	30
1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.10	40
0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.08	10
1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.11	20
1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.13	30
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	1.2	0.15	40
1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.10	10
1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	0.14	20
2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	0.17	30
2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	0.20	40
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	1.2	0.15	10
2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	0.21	20
3.3	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	2.0	0.26	30
3.8	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4	2.3	0.30	40
2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	0.20	10
3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	0.28	20
4.4	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	0.35	30
5.0	4.8	4.6	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	0.40	40
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	2.0	0.25	10
4.4	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	0.35	20
5.4	5.2	5.0	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.4	0.43	30
6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	0.50	40
3.8	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4	2.3	0.30	10
5.3	5.1	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	0.42	20
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	4.3	4.2	4.1	0.52	30
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	4.9	4.8	4.7	0.60	40
5.0	4.8	4.6	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	0.40	10
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	0.57	20
8.6	8.3	8.0	7.7	7.4	7.2	7.0	6.7	6.5	6.3	6.2	6.0	5.8	5.7	5.5	5.4	0.69	30
10.0	9.6	9.3	8.9	8.6	8.3	8.1	7.8	7.6	7.4	7.1	6.9	6.8	6.6	6.4	6.3	0.80	40
6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	0.50	10
8.9	8.5	8.2	7.9	7.7	7.4	7.2	6.9	6.7	6.5	6.3	6.2	6.0	5.8	5.7	5.5	0.71	20
10.9	10.5	10.1	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	0.87	30
12.5	12.0	11.6	11.2	10.8	10.4	10.1	9.8	9.5	9.2	8.9	8.7	8.4	8.2	8.0	7.8	1.00	40
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	0.75	10
13.8	13.2	12.7	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8	9.6	9.3	9.0	8.8	8.6	1.10	20
16.3	15.6	15.1	14.5	14.0	13.5	13.1	12.7	12.3	12.0	11.6	11.3	11.0	10.7	10.4	10.2	1.30	30
18.8	18.0	17.4	16.7	16.2	15.6	15.1	14.7	14.2	13.8	13.4	13.0	12.7	12.3	12.0	11.7	1.50	40
12.5	12.0	11.6	11.2	10.8	10.4	10.1	9.8	9.5	9.2	8.9	8.7	8.4	8.2	8.0	7.8	1.00	10
17.5	16.8	16.2	15.6	15.1	14.6	14.1	13.7	13.3	12.9	12.5	12.2	11.8	11.5	11.2	10.9	1.40	20
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	1.70	30
25.0	24.0	23.2	22.3	21.6	20.8	20.2	19.5	18.9	18.4	17.9	17.4	16.9	16.5	16.0	15.6	2.00	40
18.8	18.0	17.4	16.7	16.2	15.6	15.1	14.7	14.2	13.8	13.4	13.0	12.7	12.3	12.0	11.7	1.50	10
26.5	25.5	24.5	23.7	22.9	22.1	21.4	20.7	20.1	19.5	18.9	18.4	17.9	17.4	17.0	16.6	2.12	20
32.5	31.3	30.1	29.0	28.0	27.1	26.2	25.4	24.6	23.9	23.2	22.6	22.0	21.4	20.8	20.3	2.60	30
37.5	36.1	34.7	33.5	32.3	31.3	30.3	29.3	28.4	27.6	26.8	26.1	25.3	24.7	24.0	23.4	3.00	40
25.0	24.0	23.2	22.3	21.6	20.8	20.2	19.5	18.9	18.4	17.9	17.4	16.9	16.5	16.0	15.6	2.00	10
35.4	34.0	32.8	31.6	30.5	29.5	28.5	27.6	26.8	26.0	25.3	24.6	23.9	23.3	22.7	22.1	2.83	20
43.3	41.6	40.1	38.6	37.3	36.1	34.9	33.8	32.8	31.8	30.9	30.0	29.2	28.5	27.7	27.0	3.46	30
50.0	48.1	46.3	44.7	43.1	41.7	40.3	39.1	37.9	36.8	35.7	34.7	33.8	32.9	32.1	31.3	4.00	40