

**SMALL TK FLOODJET 36" 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	2.1	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7
	20	0.07	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
	30	0.09	3.6	3.2	2.9	2.6	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2
100 MESH	40	0.10	4.1	3.7	3.3	3.0	2.8	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.4
TKSS.75	10	0.08	3.1	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0
	20	0.11	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.5
	30	0.13	5.4	4.8	4.3	3.9	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.3	2.1	2.0	2.0	1.9	1.8
100 MESH	40	0.15	6.2	5.5	5.0	4.5	4.1	3.8	3.5	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1
TKSS1	10	0.10	4.1	3.7	3.3	3.0	2.8	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.4
	20	0.14	5.8	5.1	4.6	4.2	3.9	3.6	3.3	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1	2.0	1.9
	30	0.17	7.0	6.2	5.6	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.4	2.3
50 MESH	40	0.20	8.3	7.3	6.6	6.0	5.5	5.1	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.9	2.8
TKSS1.5	10	0.15	6.2	5.5	5.0	4.5	4.1	3.8	3.5	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1
	20	0.21	8.7	7.7	6.9	6.3	5.8	5.3	5.0	4.6	4.3	4.1	3.9	3.6	3.5	3.3	3.2	3.0	2.9
	30	0.26	10.7	9.5	8.6	7.8	7.2	6.6	6.1	5.7	5.4	5.0	4.8	4.5	4.3	4.1	3.9	3.7	3.6
50 MESH	40	0.30	12.4	11.0	9.9	9.0	8.3	7.6	7.1	6.6	6.2	5.8	5.5	5.2	5.0	4.7	4.5	4.3	4.1
TKVS2 RED	10	0.20	8.3	7.3	6.6	6.0	5.5	5.1	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.9	2.8
	20	0.28	11.6	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	3.9
	30	0.35	14.4	12.8	11.6	10.5	9.6	8.9	8.3	7.7	7.2	6.8	6.4	6.1	5.8	5.5	5.3	5.0	4.8
50 MESH	40	0.40	16.5	14.7	13.2	12.0	11.0	10.2	9.4	8.8	8.3	7.8	7.3	6.9	6.6	6.3	6.0	5.7	5.5
TKVS2.5 BROWN	10	0.25	10.3	9.2	8.3	7.5	6.9	6.3	5.9	5.5	5.2	4.9	4.6	4.3	4.1	3.9	3.8	3.6	3.4
	20	0.35	14.4	12.8	11.6	10.5	9.6	8.9	8.3	7.7	7.2	6.8	6.4	6.1	5.8	5.5	5.3	5.0	4.8
	30	0.43	17.7	15.8	14.2	12.9	11.8	10.9	10.1	9.5	8.9	8.3	7.9	7.5	7.1	6.8	6.5	6.2	5.9
50 MESH	40	0.50	20.6	18.3	16.5	15.0	13.8	12.7	11.8	11.0	10.3	9.7	9.2	8.7	8.3	7.9	7.5	7.2	6.9
TKVS3 GRAY	10	0.30	12.4	11.0	9.9	9.0	8.3	7.6	7.1	6.6	6.2	5.8	5.5	5.2	5.0	4.7	4.5	4.3	4.1
	20	0.42	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2	7.7	7.3	6.9	6.6	6.3	6.0	5.8
	30	0.52	21.5	19.1	17.2	15.6	14.3	13.2	12.3	11.4	10.7	10.1	9.5	9.0	8.6	8.2	7.8	7.5	7.2
50 MESH	40	0.60	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	8.3
TKVS4 WHITE	10	0.40	16.5	14.7	13.2	12.0	11.0	10.2	9.4	8.8	8.3	7.8	7.3	6.9	6.6	6.3	6.0	5.7	5.5
	20	0.57	23.5	20.9	18.8	17.1	15.7	14.5	13.4	12.5	11.8	11.1	10.5	9.9	9.4	9.0	8.6	8.2	7.8
	30	0.69	28.5	25.3	22.8	20.7	19.0	17.5	16.3	15.2	14.2	13.4	12.7	12.0	11.4	10.8	10.4	9.9	9.5
40	0.80	33.0	29.3	26.4	24.0	22.0	20.3	18.9	17.6	16.5	15.5	14.7	13.9	13.2	12.6	12.0	11.5	11.0	
TKVS5 BLUE	10	0.50	20.6	18.3	16.5	15.0	13.8	12.7	11.8	11.0	10.3	9.7	9.2	8.7	8.3	7.9	7.5	7.2	6.9
	20	0.71	29.3	26.0	23.4	21.3	19.5	18.0	16.7	15.6	14.6	13.8	13.0	12.3	11.7	11.2	10.7	10.2	9.8
	30	0.87	35.9	31.9	28.7	26.1	23.9	22.1	20.5	19.1	17.9	16.9	16.0	15.1	14.4	13.7	13.1	12.5	12.0
40	1.00	41.3	36.7	33.0	30.0	27.5	25.4	23.6	22.0	20.6	19.4	18.3	17.4	16.5	15.7	15.0	14.3	13.8	
TKVS7.5 GREEN	10	0.75	30.9	27.5	24.8	22.5	20.6	19.0	17.7	16.5	15.5	14.6	13.8	13.0	12.4	11.8	11.3	10.8	10.3
	20	1.10	45.4	40.3	36.3	33.0	30.3	27.9	25.9	24.2	22.7	21.4	20.2	19.1	18.2	17.3	16.5	15.8	15.1
	30	1.30	53.6	47.7	42.9	39.0	35.8	33.0	30.6	28.6	26.8	25.2	23.8	22.6	21.5	20.4	19.5	18.7	17.9
40	1.50	61.9	55.0	49.5	45.0	41.3	38.1	35.4	33.0	30.9	29.1	27.5	26.1	24.8	23.6	22.5	21.5	20.6	
TKVS10 BLACK	10	1.00	41.3	36.7	33.0	30.0	27.5	25.4	23.6	22.0	20.6	19.4	18.3	17.4	16.5	15.7	15.0	14.3	13.8
	20	1.40	57.8	51.3	46.2	42.0	38.5	35.5	33.0	30.8	28.9	27.2	25.7	24.3	23.1	22.0	21.0	20.1	19.3
	30	1.70	70.1	62.3	56.1	51.0	46.8	43.2	40.1	37.4	35.1	33.0	31.2	29.5	28.1	26.7	25.5	24.4	23.4
40	2.00	82.5	73.3	66.0	60.0	55.0	50.8	47.1	44.0	41.3	38.8	36.7	34.7	33.0	31.4	30.0	28.7	27.5	
TKSS15	10	1.50	61.9	55.0	49.5	45.0	41.3	38.1	35.4	33.0	30.9	29.1	27.5	26.1	24.8	23.6	22.5	21.5	20.6
	20	2.12	87.5	77.7	70.0	63.6	58.3	53.8	50.0	46.6	43.7	41.2	38.9	36.8	35.0	33.3	31.8	30.4	29.2
	30	2.60	107.3	95.3	85.8	78.0	71.5	66.0	61.3	57.2	53.6	50.5	47.7	45.2	42.9	40.9	39.0	37.3	35.8
40	3.00	123.8	110.0	99.0	90.0	82.5	76.2	70.7	66.0	61.9	58.2	55.0	52.1	49.5	47.1	45.0	43.0	41.3	
TKSS20	10	2.00	82.5	73.3	66.0	60.0	55.0	50.8	47.1	44.0	41.3	38.8	36.7	34.7	33.0	31.4	30.0	28.7	27.5
	20	2.83	116.7	103.8	93.4	84.9	77.8	71.8	66.7	62.3	58.4	54.9	51.9	49.2	46.7	44.5	42.5	40.6	38.9
	30	3.46	142.7	126.9	114.2	103.8	95.2	87.8	81.6	76.1	71.4	67.2	63.4	60.1	57.1	54.4	51.9	49.6	47.6
40	4.00	165.0	146.7	132.0	120.0	110.0	101.5	94.3	88.0	82.5	77.6	73.3	69.5	66.0	62.9	60.0	57.4	55.0	

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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
0.7	0.6	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	0.05	10	
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	0.07	20	
1.1	1.1	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	0.09	30	
1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.10	40	
1.0	1.0	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	0.08	10	
1.5	1.4	1.3	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	0.11	20	
1.7	1.7	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	1.1	0.13	30	
2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	0.15	40	
1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.10	10	
1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	0.14	20	
2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	0.17	30	
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	1.7	0.20	40	
2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	0.15	10	
2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	0.21	20	
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	2.1	0.26	30	
4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	0.30	40	
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	1.7	0.20	10	
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	0.28	20	
4.6	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	0.35	30	
5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	0.40	40	
3.3	3.2	3.1	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	0.25	10	
4.6	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	0.35	20	
5.7	5.5	5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.5	0.43	30	
6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	0.50	40	
4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	0.30	10	
5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.6	3.5	0.42	20	
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	0.52	30	
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	0.60	40	
5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	0.40	10	
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	5.0	4.8	4.7	0.57	20	
9.1	8.8	8.4	8.1	7.9	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0	5.8	5.7	0.69	30	
10.6	10.2	9.8	9.4	9.1	8.8	8.5	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.8	6.6	0.80	40	
6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	0.50	10	
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	0.71	20	
11.5	11.0	10.6	10.3	9.9	9.6	9.3	9.0	8.7	8.4	8.2	8.0	7.8	7.6	7.4	7.2	0.87	30	
13.2	12.7	12.2	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.3	1.00	40	
9.9	9.5	9.2	8.8	8.5	8.3	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	0.75	10	
14.5	14.0	13.4	13.0	12.5	12.1	11.7	11.3	11.0	10.7	10.4	10.1	9.8	9.6	9.3	9.1	1.10	20	
17.2	16.5	15.9	15.3	14.8	14.3	13.8	13.4	13.0	12.6	12.3	11.9	11.6	11.3	11.0	10.7	1.30	30	
19.8	19.0	18.3	17.7	17.1	16.5	16.0	15.5	15.0	14.6	14.1	13.8	13.4	13.0	12.7	12.4	1.50	40	
13.2	12.7	12.2	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.3	1.00	10	
18.5	17.8	17.1	16.5	15.9	15.4	14.9	14.4	14.0	13.6	13.2	12.8	12.5	12.2	11.8	11.6	1.40	20	
22.4	21.6	20.8	20.0	19.3	18.7	18.1	17.5	17.0	16.5	16.0	15.6	15.2	14.8	14.4	14.0	1.70	30	
26.4	25.4	24.4	23.6	22.8	22.0	21.3	20.6	20.0	19.4	18.9	18.3	17.8	17.4	16.9	16.5	2.00	40	
19.8	19.0	18.3	17.7	17.1	16.5	16.0	15.5	15.0	14.6	14.1	13.8	13.4	13.0	12.7	12.4	1.50	10	
28.0	26.9	25.9	25.0	24.1	23.3	22.6	21.9	21.2	20.6	20.0	19.4	18.9	18.4	17.9	17.5	2.12	20	
34.3	33.0	31.8	30.6	29.6	28.6	27.7	26.8	26.0	25.2	24.5	23.8	23.2	22.6	22.0	21.5	2.60	30	
39.6	38.1	36.7	35.4	34.1	33.0	31.9	30.9	30.0	29.1	28.3	27.5	26.8	26.1	25.4	24.8	3.00	40	
26.4	25.4	24.4	23.6	22.8	22.0	21.3	20.6	20.0	19.4	18.9	18.3	17.8	17.4	16.9	16.5	2.00	10	
37.4	35.9	34.6	33.4	32.2	31.1	30.1	29.2	28.3	27.5	26.7	25.9	25.2	24.6	23.9	23.3	2.83	20	
45.7	43.9	42.3	40.8	39.4	38.1	36.8	35.7	34.6	33.6	32.6	31.7	30.9	30.0	29.3	28.5	3.46	30	
52.8	50.8	48.9	47.1	45.5	44.0	42.6	41.3	40.0	38.8	37.7	36.7	35.7	34.7	33.8	33.0	4.00	40	