TFXP Flow Rates and Dimensions

Full Cone, 90˚ (XPN) and 120˚ (XP) Spray Angles, 3/8" to 4" Pipe Sizes

Male Pipe Size	Nozzle Number	K Factor	GALLONS PER MINUTE @ PSI 10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI	Operation above 60 PSI not recom. for PTFE 80 PSI	100 PSI	High PSI Operation recom. for **Metal Only** 200 PSI	400 PSI	Approx. Free Pass. & Orifice Dia. (in.)	Approximate Dimensions (in.) for Metal Only A	B	Wt. (lbs.) Metal	Plas.
3/8	TF12	0.949	3.00	4.24	5.20	**6.00**	6.71	7.35	8.49	9.49	13.4	19.0	0.19	2.88	0.88	0.20	0.04
	TF14	1.28	4.05	5.73	7.01	**8.10**	9.06	9.92	11.5	12.8	18.1	25.6	0.22	2.88	0.88		
	TF16	1.68	5.30	7.50	9.2	**10.6**	11.9	13.0	15.0	16.8	23.7	33.5	0.25	2.75	0.88		
	TF20	2.61	8.25	11.7	14.3	**16.5**	18.4	20.2	23.3	26.1	36.9	52.2	0.31	3.12	0.88		
1/2	TF24	3.81	12.1	17.0	20.9	**24.1**	26.9	29.5	34.1	38.1	53.9	76.2	0.38	3.47	1.13	0.41	0.06
	TF28	5.22	16.5	23.3	28.6	**33.0**	36.9	40.4	46.7	52.2	73.8	104	0.44	3.50	1.13		
3/4	TF32	6.64	21.0	29.7	36.4	**42.0**	47.0	51.4	59.4	66.4	93.9	133	0.50	5.40	1.75	1.56	0.22
1	TF40	10.6	33.5	47.4	58.0	**67.0**	74.9	82.1	94.8	106	150	212	0.63	5.25	2.00	1.56	0.25
	TF48	15.0	47.5	67.2	82.3	**95.0**	106	116	134	150	212	300	0.75	6.63	2.00	2.06	0.47
1 1/2	TF56	20.4	64.5	91.2	112	**129**	144	158	182	204	288	408	0.88	6.97	2.50	4.00	0.59
	TF64	26.7	84.5	120	146	**169**	189	207	239	267	378	534	1.00	6.94	2.50	2.44	0.53
	TF72	30.4	96.0	136	166	**192**	215	235	272	304	429	607	1.13	7.41	2.50	2.81	0.53
2	TF88	44.3	140	**198**	242	280	313	343	396	443	626	885	1.38	10.5	2.63	5.12	1.25
	TF96	55.9	177	**250**	306	354	395	433	500	559	791	1120	1.50	11.0	2.63	6.31	1.25
3	TF112	81.0	256	**362**	443	512	572	627	724	810	1150	1620	1.75**	12.0	3.50	8.37	1.37
	TF128	107	339	**480**	588	679	759	829	960	1070	1510	2150	2.00**	11.7	3.50	9.75	1.50
4	TF160	166	**525**	742	909	1050	1170	1290	1480	1660	2350	3320	2.50**	12.0	4.50	15.6	1.87

Flow Rate $(GPM) = K\sqrt{PSI}$ **Free passage is 1.5"

Standard Materials: Brass, 316 Stainless Steel, PVC, Polypropylene and PTFE. See chart on page 17 for complete list.