

Table B.7.3.F - CPVC, PVC, ABS, PE PLASTIC PIPE - SCHEDULE 80

PIPE SIZE	4 FPS VELOCITY				8 FPS VELOCITY				PIPE SIZE
	WSFU (tanks)	WSFU (valves)	FLOW GPM	PD psi/100ft	WSFU (tanks)	WSFU (valves)	FLOW GPM	PD psi/100ft	
1/2"	3		2.7	6.1	7		5.5	22.1	1/2"
3/4"	6		5.1	4.2	14		10.3	15.3	3/4"
1"	11		8.6	3.1	25		17.2	11.3	1"
1-1/4"	22		15.4	2.2	55	15	30.8	8.1	1-1/4"
1-1/2"	33	4	21.3	1.9	95	33	42.7	6.7	1-1/2"
2"	70	21	35.8	1.4	233	112	71.7	4.9	2"
2-1/2"	132	51	51.4	1.1	389	264	102.7	4.0	2-1/2"
3"	277	149	80.3	0.9	698	648	160.7	3.1	3"
4"	585	503	140.4	0.6	1590	1590	280.7	2.2	4"
5"	1105	1105	222.6	0.5	3114	3114	445.3	1.7	5"
6"	1942	1942	319.2	0.4	5767	5767	638.3	1.4	6"

Table B.7.3.G - CPVC PLASTIC TUBING (Copper Tube Size) - SDR 11

TUBE SIZE (CTS)	4 FPS VELOCITY				8 FPS VELOCITY				TUBE SIZE (CTS)
	WSFU (tanks)	WSFU (valves)	FLOW GPM	PD psi/100ft	WSFU (tanks)	WSFU (valves)	FLOW GPM	PD psi/100ft	
1/2"	2		2.4	6.6	6		4.8	23.9	1/2"
3/4"	6		4.9	4.4	13		9.8	15.8	3/4"
1"	10		8.1	3.3	24		16.2	11.8	1"
1-1/4"	16		12.1	2.6	38	7	24.2	9.3	1-1/4"
1-1/2"	25		16.9	2.1	62	18	33.7	7.7	1-1/2"
2"	50	12	28.9	1.6	164	68	57.8	5.6	2"

Table B.7.3.H - PEX Plastic Tubing (Copper Tube Size) SDR 9

TUBE SIZE (CTS)					8 FPS VELOCITY				TUBE SIZE (CTS)
					WSFU (tanks)	WSFU (valves)	FLOW GPM	PD psi/100 ft	
3/8"					1		2.4	35.3	3/8"
1/2"					5		4.5	24.8	1/2"
3/4"					11		8.8	16.8	3/4"
1"					21		14.5	12.5	1"
1-1/4"					33		21.6	9.9	1-1/4"
1-1/2"					53	14	30.2	8.2	1-1/2"
2"					134	52	51.7	6.0	2"

Table B.7.3.I - Composite Plastic Pipe (PE-AL-PE and PEX-AL-PEX)

PIPE SIZE	4 FPS VELOCITY				8 FPS VELOCITY				PIPE SIZE
	WSFU (tanks)	WSFU (valves)	FLOW GPM	PD psi/100 ft	WSFU (tanks)	WSFU (valves)	FLOW GPM	PD psi/100 ft	
3/8"	1		1.1	10.3	1		2.2	37.0	3/8"
1/2"	2		2.4	6.6	5		4.7	23.9	1/2"
3/4"	7		6.2	3.8	17		12.4	13.7	3/4"
1"	13		10.1	2.9	31		20.3	10.3	1"
1-1/4"	22		15.5	2.2	55	15	30.9	8.1	1-1/4"
1-1/2"	41	5	25.3	1.7	128	49	50.7	6.0	1-1/2"
2"	81	27	39.2	1.3	267	142	78.4	4.7	2"
2-1/2"	147	58	54.2	1.1	417	292	108.4	3.9	2-1/2"