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**Approximate Pressure Losses for Pipe Fittings
Listed in equivalent feet of pipe**

NOTE: It is recommended that this chart be used only when the manufacturers recommended pressure loss values are not available

Plastic IPS Fittings	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"
Coupling	1.5	2.5	3	3	4	6	7	8	11	18	24
Run of Straight Tee	2.5	3	4	5	6	8	9	11	15	21	28
Tee, Side Outlet	7	9	12	15	18	24	30	36	45	70	90
Tee, Run reduced 1/2"	3.5	4.5	6	8	9	11	14	17	24	34	45
Elbow, 90°	3.5	4.5	6	8	9	11	14	17	24	34	45
Elbow, 45°	1.5	2	3	3.5	4	5	7	8	10	16	20