

WASTEFLOW PC 1 gph



Flow Rate vs. Pressure

Pressure	Head	Flow Rate 1 gph PC dripline
7-60 psi	16-139 ft.	1.02 gph

Maximum Length of Run vs. Pressure

Allows a minimum of 10 psi in the line.

Recommended operating pressure 10-45 psi.

Pressure		Emitter Spacing			
psi	ft.	6"	12"	18"	24"
10 psi	23.10 ft.	50'	95'	140'	175'
15 psi	34.65 ft.	63'	115'	172'	211'
20 psi	46.20 ft.	74'	146'	210'	265'
25 psi	57.75 ft.	88'	171'	242'	315'
30 psi	69.30 ft.	94'	180'	266'	335'
35 psi	80.85 ft.	103'	199'	287'	379'
40 psi	92.40 ft.	110'	211'	305'	385'
45 psi	103.95 ft.	116'	222'	321'	429'
50 psi	115.5 ft.		232'	334'	431'
55 psi	127.05 ft.		240'	347'	449'
60 psi	138.6 ft.		249'	360'	465'

Kd = 2.070

Standard models:

WFPC16-4-24 WASTEFLOW PC 24"/1.02 gph or 4lph
 WFPC16-4-18 WASTEFLOW PC 18"/1.02 gph or 4lph
 WFPC16-4-12 WASTEFLOW PC 12"/1.02 gph or 4lph
 Alternative spacing, flow rates and diameters available upon request.

WASTEFLOW PC 1 gph PC Specification

The dripline shall consist of nominal sized one-half inch linear low density polyethylene tubing, with turbulent flow drip emitters bonded to the inside wall. The drip emitter flow passage shall be 0.032" x 0.045" square. The tubing shall have an outside diameter (O.D.) of approximately .64-inches and an inside diameter (I.D.) of approximately .55-inches. The tubing shall consist of three layers; the inside layer shall be *Geoshield*® protection, the middle layer shall be black and the outside layer shall be purple striped for easy identification. The dripline shall have emitters regularly spaced 24" (or 18" or 12") apart. The pressure compensating emitters shall be molded from virgin polyethylene resin with a silicone rubber diaphragm. The pressure compensating emitters shall have nominal discharge rates of 1.02 gallons per hour. The emitters shall be impregnated with Treflan® to inhibit root intrusion for a minimum period of fifteen years and shall be guaranteed by the manufacturer to inhibit root intrusion for this period. 1.02 gph WASTEFLOW PC pressure compensating dripline shall be Geoflow model number WFPC16-4-24 (or WFPC16-4-18 or WFPC16-4-12) .

