

Drip Tubing



Why Choose WaterflowECO?

- Tru17mm diameter tubing with pressure compensating (PC) emitter
- Constant performance in all climates
- Patented Geoshield® antimicrobial lining prevents biofilm build-up inside tubing
- Optimal for use on severe slopes and long runs
- Provides maximum water distribution uniformity in tough topographical areas
- High quality resins assure durable performance and long life
- Warranty against defects in materials or workmanship
- Silicon dripper diaphragm provides advanced chemical resistance
- Recommended filtration: 120 Mesh for 0.4 GPH, 0.6 GPH, and 1.0 GPH

Ordering Information

Part Number	G-WFPC-17-1.6-24-ECO	G-WFPC-17-2-24-ECO	G-WFPC-17-4-24-ECO
Emitter type	PC	PC	PC
Emitter spacing, in	24	24	24
Emitter flow rate, nominal GPH	0.4	0.6	1.0
Coil length, ft	500	500	500

Parameter	Specification
Antimicrobial lining	Yes
Tubing diameter, nominal	17 mm
Wall thickness, nominal	1.27 mm
Emitter style	Flat
Pressure, min	7 psi
Pressure, max	60 psi
Pressure range, optimal	20 to 50 psi
Tubing warranty	20 years



WaterflowECO Emitters	
Emitter Color	Nominal Flow Rate
Blue	0.4 GPH
Black	0.6 GPH
Green	1.0 GPH



Note: Emitter nominal flow rate @ 30psi = .42 GPH, .55 GPH, and 1.0 GPH





Maximum length of a lateral flushing at 2 fps

1.6 gpm per lateral required to achieve 2 fps

Inlet Pressure	Emitter Flow Rate, 12" Spacing			Emitter Flow Rate, 24" Spacing		
	PSI	0.4 GPH	0.6 GPH	1.0 GPH	0.4 GPH	0.6 GPH
10	54'	51'	43'	80'	76'	66'
20	158'	143'	111'	252'	228'	182'
30	224'	199'	150'	364'	328'	252'
40	275'	243'	180'	454'	404'	304'
50	317'	278'	205'	528'	466'	348'
60	354'	309'	226'	592'	522'	386'

Maximum length of a lateral flushing at 1.5 fps

1.2 gpm per lateral required to achieve 1.5 fps

Inlet Pressure	Emitter Flow Rate, 12" Spacing			Emitter Flow Rate, 24" Spacing		
	PSI	0.4 GPH	0.6 GPH	1.0 GPH	0.4 GPH	0.6 GPH
10	78'	71'	58'	118'	110'	90'
20	197'	173'	129'	320'	286'	216'
30	266'	233'	170'	444'	390'	290'
40	320'	278'	200'	538'	470'	344'
50	363'	314'	225'	616'	536'	388'
60	401'	346'	246'	682'	592'	426'

Maximum length of a lateral flushing at 1 fps

0.8 gpm per lateral required to achieve 1 fps

Inlet Pressure	Emitter Flow Rate, 12" Spacing			Emitter Flow Rate, 24" Spacing		
	PSI	0.4 GPH	0.6 GPH	1.0 GPH	0.4 GPH	0.6 GPH
10	111'	99'	74'	178'	160'	214'
20	241'	208'	149'	406'	354'	256'
30	314'	270'	191'	536'	462'	330'
40	368'	315'	222'	632'	544'	386'
50	412'	352'	247'	712'	610'	430'
60	450'	384'	268'	780'	668'	458'

Maximum length of a lateral flushing at 0.5 fps

0.4 gpm per lateral required to achieve 0.5 fps

Inlet Pressure	Emitter Flow Rate, 12" Spacing			Emitter Flow Rate, 24" Spacing		
	PSI	0.4 GPH	0.6 GPH	1.0 GPH	0.4 GPH	0.6 GPH
10	156'	134'	95'	264'	228'	162'
20	291'	247'	171'	504'	430'	198'
30	364'	309'	213'	636'	540'	374'
40	419'	354'	243'	734'	622'	428'
50	464'	392'	268'	814'	688'	474'
60	502'	424'	290'	882'	746'	512'

