

Application

For use in viticultural, horticultural, greenhouse and landscape irrigation applications. Its non-drain feature makes it suitable for short pulse irrigation cycles, while its anti-siphon feature reduces the risk of soil from being “vacuumed” into the dripper, making it suitable for laying on the soil surface.

Features

- Non-drain capability improves irrigation efficiency, dramatically reduces time at start-up before emitter pressure compensates. Allows the irrigator to have short pulse irrigation cycles.
- Emitter has “self-flushing” action at the beginning and end of each irrigation cycle helping to reduce the risk of blockages.
- Two flow rates available with 0.8, 2.1 and 3.4 Lph emitters under development.
- Large pre-entry filter area helps to screen water-borne particles.

- Anti-siphon feature stops a vacuum forming on shut down and reduces the risk of soil from being drawn into the emitter via the outlet hole.
- Proven pressure compensating mechanism for long runs, steep and undulating terrain.
- Large pipe diameters create the ability to run the drip tube further.
- Diameters made to suit Australian standard fittings.



Design Information				
Nominal Diam/Flow	19/1.2	19/1.6	25/1.2	25/1.6
ID (mm)	19	19	25	25
Emitter Index (in compensating range)	0	0	0	0
Emitter Constant	1.2	1.6	1.2	1.6
Emitter k _d barb factor	0.09	0.09	0.05	0.05
Minimum Compensating Pressure	100	100	100	100
Maximum Pressure (WT = 1mm)			350	350
Maximum Pressure (WT = 0.9mm)	350	350		
Filtration (micron) - sand	125	125	125	125

Specifications		
Nominal Diam. (mm)	19	25
Internal Diam. (mm)	19	25
Flow Rates (Lph)	1.2, 1.6	1.2, 1.6
Std. Wall Thickness (mm)	0.9	1
Sealing Pressure (kPa)	19	19
Opening Pressure (kPa)	48	48
Compensating Range (kPa)	100-350	100-350
Maximum Pressure (kPa)	350 (0.9mm wall)	350 (1mm wall)
Standard Coil Length	350m Non-standard lengths for qualifying order	350m Non-standard lengths for qualifying order
Standard emitter spacings	0.3, 0.4, 0.5, 0.6, 0.75, 0.9, 1.0, 1.5m	0.3, 0.4, 0.5, 0.6, 0.75, 0.9, 1.0, 1.5m

Ordering Information							
X	D	a	bb	cc	dd	ee	-fff
	Non-drain, compensating	With or without Rootguard	ID	Wall thickness	Emitter flow	Spacing	Special coil length (m)
		G = Rootguard Omit = without Rootguard	19 25	09 – 0.9mm 10 – 1mm	12 - 1.2 16 – 1.6	30, 40, 50, 75 90, 100, 150	

Example: XD190916100 – DripMaxx Non-drain Pressure compensating, 19mm, 0.9mm wall thickness, 1.6 Lph emitter every 1.0 metre, standard coil length.
 Example : XDG25101630-220 – DripMaxx Non-drain, Pressure compensating with Rootguard, 25mm, 0.9mm wall thickness, 1.6 Lph emitter every 30cm, 220 metre coil length.
 Minimum order quantity: 5000 metres