

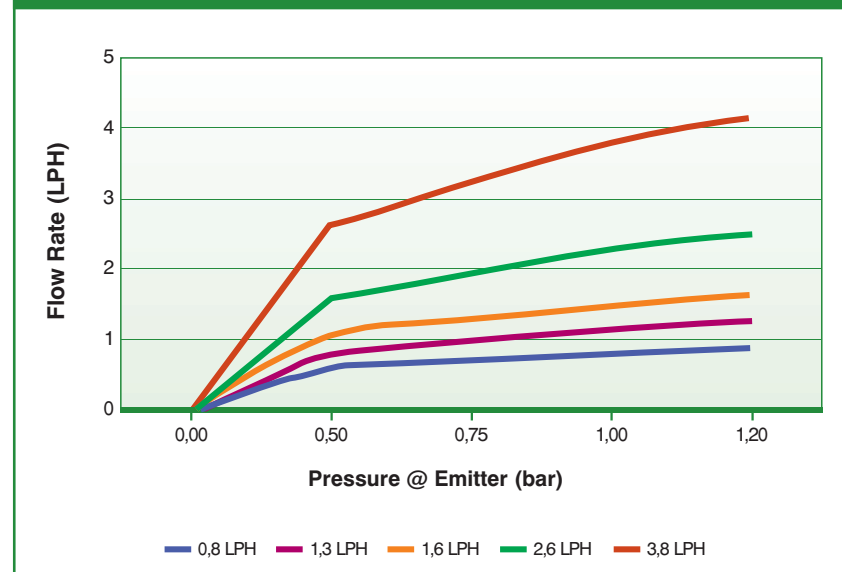
Eolos Specifications

EMITTER FLOW DATA FOR 8 MIL DRIPLINE

Nominal Emitter Flow Rate (LPH)	Flow Path Constant k* (atm)	Flow Exponent x	Coefficient of Variation (CV)	Friction Factor (Kd)	Flow Rate (LPH) @ 1 bar
0,8	0,79	0,49	0,025	0,10	0,79
1,3	1,15	0,54	0,010	0,10	1,15
1,6	1,50	0,54	0,013	0,10	1,50
2,6	2,30	0,50	0,022	0,08	2,30
3,8	3,80	0,50	0,020	0,10	3,80

*These data may vary respectively to the pipe thickness and diameter.

EOLOS CURVES FOR 8 MIL



Eolos Flat Dripline

LOWEST
Cv
IN THE
INDUSTRY



EMITTER FLOW PATH SPECIFICATIONS

Nominal Emitter Flow Rate (LPH)	Flow Path Length (mm)	Flow Path Width (mm)	Flow Path Depth (mm)	Required Filtration (mesh)
0,8	58	0,60	0,50	120*
1,3	58	0,70	0,60	120*
1,6	58	0,70	0,65	120*
2,6	58	0,80	0,80	120*
3,8	58	1,00	0,90	120*

*Disk or sand media filtration is required when organic contaminants are present.



Customer Benefits & Product Application

- Large turbulent flow path emitters are injection moulded in our Inofyta, Greece facility where they are welded into our seamless Eolos dripline using only the highest grade resins, ensuring product quality and availability you can count on.
- Industry Leading CV values (<2%) and the highest operating pressures available means unmatched uniformity performance for your plants and reliability for you.
- Wide range of mil thicknesses, emitter flows and spacings (including custom spacing) in both 17mm and 23mm diameters provides design flexibility for virtually any planting needs.
- Ideal applications include crops such as tomatoes, peppers, melons, cotton, grapes, potatoes and other row crops for both surface and shallow subsurface.



Abbreviations

ID = Inside Diameter
OD = Outside Diameter
LPH = Liters Per Hour

For more information, please visit
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**Quality.
Value.
People.**

Eolos Specifications

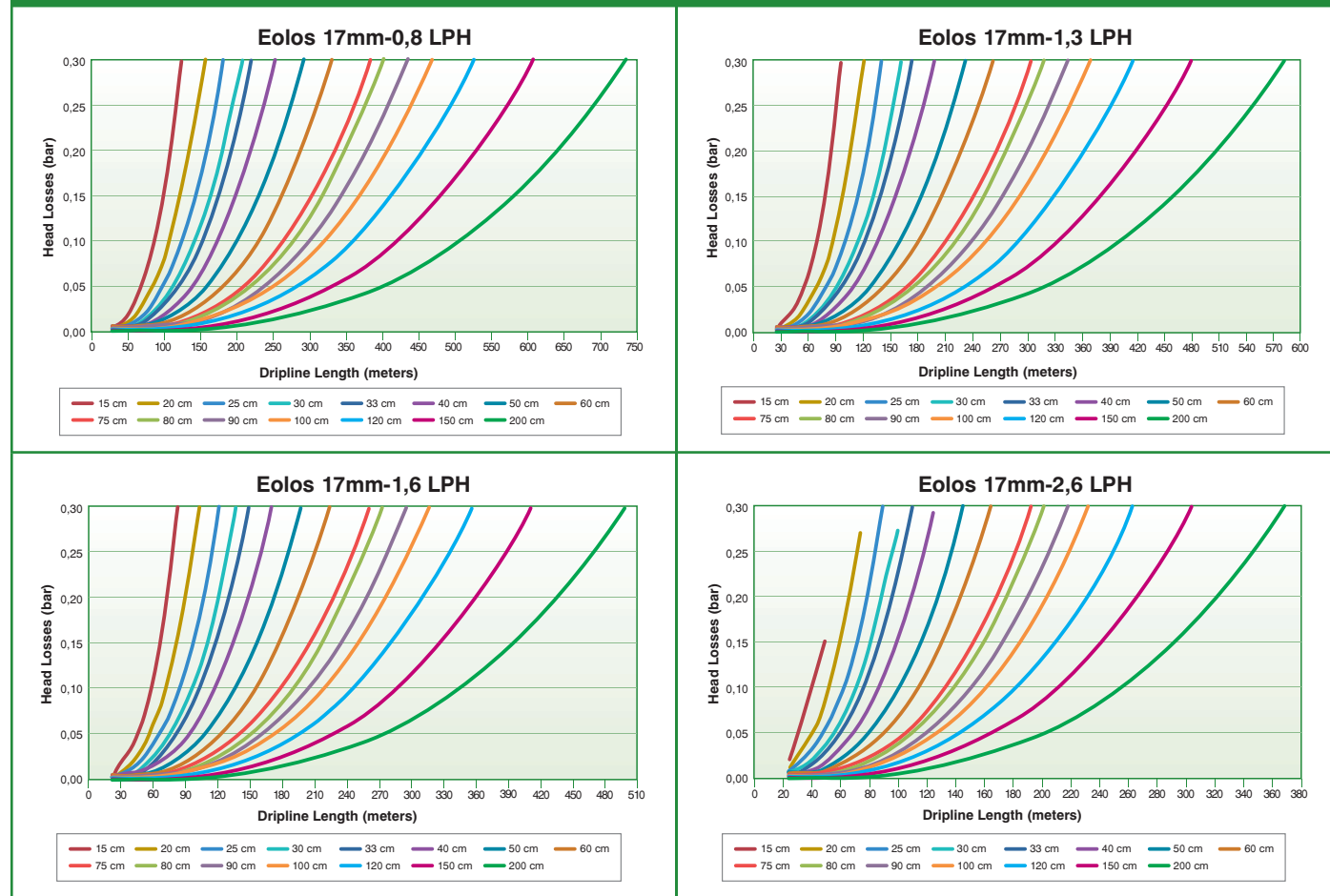
EOLOS 17MM DRIPLINE SPECIFICATIONS

Mil	Wall Thickness (mm)	ID (mm)	OD (mm)	Coil Length (m) Spacing ≥ 30	Coils per Pallet	Max Operating Pressure (bar)	Max Flushing Pressure (bar)
5	0,135	16,10	16,40	3000	16	0,8	0,8
6	0,150	16,10	16,40	2600	16	1,0	1,0
8	0,200	16,10	16,50	2500	16	1,2	1,2
10	0,250	16,10	16,60	2300	16	1,4	1,4
12	0,300	16,10	16,70	1700	16	1,5	1,5
15	0,370	16,10	16,85	1500	16	1,8	2,0
18	0,450	16,10	17,00	1150	16	2,0	2,2
24	0,600	16,10	17,30	850	16	2,5	2,7
36	0,900	16,10	17,90	500	16	3,0	3,2

EOLOS GRANDE 23MM DRIPLINE SPECIFICATIONS

Mil	Wall Thickness (mm)	ID (mm)	OD (mm)	Coil Length (m) Spacing ≥ 30	Coils per Pallet	Max Operating Pressure (bar)	Max Flushing Pressure (bar)
8	0,200	22,20	22,60	1800	16	1,0	1,0
10	0,250	22,20	22,70	1600	16	1,3	1,3
12	0,300	22,20	22,80	1450	16	1,4	1,4
15	0,370	22,20	22,95	1250	16	1,6	1,8
18	0,450	22,20	23,10	900	16	1,8	2,0
24	0,600	22,20	23,40	500	16	2,0	2,2
36	0,900	22,20	24,00	400	16	2,8	3,0

EOLOS 17MM - LATERAL LENGTH vs. HEAD LOSS



EOLOS GRANDE 23MM - LATERAL LENGTH vs. HEAD LOSS

