

Hydrolite

Flat drip line Seamless thin-walled dripline

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Hydrolite has a unique flow path design that is highly resistant to clogging. The combinations of large square cross segments, turbulent water flow path and multiple water filter inlets provide outstanding protection against clogging. The closely spaced outlets and low flow rates ensure a continuous wetted strip even when small water amounts are applied.

The special design of the slit emitter outlet provides a unique slit which closes as soon as the water drains out from the dripline. The slit protects the dripline from drawing in small soil particles or other debris.

Because Hydrolite is so versatile, it can be found in many different crops.

Specifications

Inside diameter: 16, 22.2 mm

Wall thickness: 6*, 8, 10, 12, 15 mil
(0.15, 0.2, 0.25, 0.30, 0.375 mm)
(* For 16 mm I.D. only)

Choice of two flow rates:

Low flow: 0.51 lph at 0.6 bar, 0.65 lph at 1.0 bar

High flow: 0.78 lph at 0.6 bar, 1.00 lph at 1.0 bar

Recommended operating pressure:
0.55 bar

Max. operating pressure 16 mm:

6 mil - 1.0 bar; 8mil - 1.2 bar

10 mil, 12 mil - 1.3 bar; 15 mil - 1.5 bar

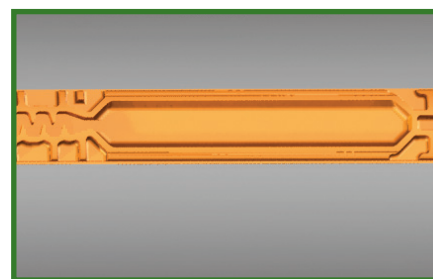
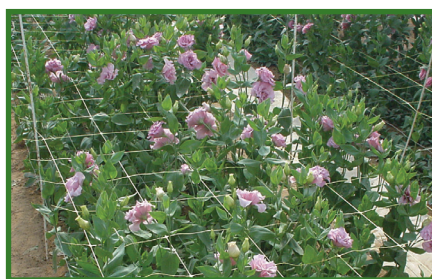
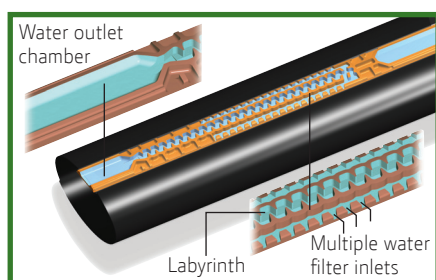
Max. operating pressure 22.2 mm:

8 mil - 0.9 bar; 10mil - 1.0 bar

12 mil - 1.0 bar; 15mil - 1.2 bar

Choice of spacing between emitters in
15 cm increments

Applications: Annual vegetables and
row crops



Hydrolite 16 mm - Reel Length

Wall Thickness	Length (m)	Weight (Kg)
6 mil	2700	31
8 mil	2200	30
10 mil	1750	28.5
12 mil	1500	28.2
15 mil	1200	28.3

Hydrolite 22 mm - Reel Length

Wall Thickness	Length (m)	Weight (Kg)
8 mil	1600	30
10 mil	1340	29
12 mil	1200	30
15 mil	1000	29

Maximum Dripline Run (m) on Flat Terrain : EU 90% ***

Outlet Spacing (cm)	Length of Run (m)		Flow Rates (lph) per 100 m	
	16 mm	22 mm	at 0.6 bar	at 1.0 bar
15 *	188	322	340	433
30 *	301	524	170	217
45 *	395	689	113	144
60 *	475	835	85	108
15 **	141	242	527	667
30 **	227	395	263	333
45 **	298	518	160	222
60 **	358	628	132	167

* Flow rate at 1.0 bar: 0.65 lph

** Flow rate at 1.0 bar: 1.00 lph

*** Pressure at dripline inlet: 1.2 bar

Container capacity (reels stacked on pallets)

Diameters	20' cont.*	40' cont.**	40' cont. HC
16 mm	334	704	792
22 mm	334	704	792

* On 20 pallets + 14 loose reels

** On 44 pallets

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