

# Hydrodrip

## Thin-Medium Wall Drip Line



### Specifications

#### Diameter and wall thickness:

16 mm - ID 15,2 mm:  
WT - 18, 25 mil

16 mm - ID 16,4 mm:  
WT - 10, 12, 15 mil

22 mm - ID 22,2 mm:  
WT - 10, 12, 15, 18, 25 mil

Recommended operating pressure:  
1,0 bar

Maximum operating pressure according to wall thickness (See product specifications below).

Flow rates at 1,0 bar for wall thickness 15 mil: 0,8, 1,2, 1.6, 2,1 lph  
(Flow rates vary according to wall thickness)

Hydrodrip can be ordered at any pre-set emitter spacing from 20 cm and up.

Applications: For vegetables, annual field crops, surface and subsurface drip irrigation

Outlet types :  
10-15 mil : Flap or Hole  
18-25 mil : Hole

The Hydrodrip thin-medium wall thickness drip line is made with a injection molded dripper which produces excellent uniformity.

Hydrodrip drip line is an economical solution for annual row crops, field crops and greenhouses. Engineered with an efficient turbulent flow path, the Hydrodrip's labyrinth design minimizes clogging.

Hydrodrip is a good choice for manual or mechanized layout, retrieval and suitable for SDI applications. It is available in several diameters, wall thicknesses, dripper spacings and flow rates to meet the needs of your crop.

And with its flap outlet, The Hydrodrip thin-medium wall thickness drip line reduces the ingestion of soil on system shut-down when used in a subsurface application.

# Hydrodrip Thin-Medium Wall Drip Line

## Hydrodrip - Product Specifications

Diameter (mm)	Flow Rate lph	WT		ID mm	Max Pressure bar	Roll Length m
		(mil)	(mm)			
16	0,8, 1,2 1,6, 2,1	10	0,25	16,4	1,3	2200
		12	0,3		1,8	1600
	15	0,38	2,2		1300	
	0,8, 1,2 1,65, 2,1	18	0,45	15,2	2,2	1500
		25	0,6		2,5	800
22	0,8, 1,2 1,6, 2,1	10	0,25	22,2	1,0	1500
		12	0,3		1,4	1200
	15	0,38	1,8		1000	
	0,8, 1,2 1,65, 2,1	18	0,45		2,0	900
	1,3, 1,7 2,2	25	0,6		2,5	700
25	0,8, 1,2 1,6, 2,1	15	0,38	25	1,4	900
	0,8, 1,25 1,65, 2,15	25	0,6		2,0	450



## Maximum Drip Line Run (m) on Flat Terrain

### Flow Variation: EU 90%\*

Flow Rate (lph)**	Diameter/ Wall Thickness (mm/mil)	Inside Diameter (mm)	Spacing between Emitters (cm)				
			20	30	33	40	50
0,8	16/10-16/15	16,4	168	225	241	275	321
	16/18	15,2	154	207	221	252	294
	22/10-22/15	22,2	303	404	431	492	571
1,2	16/10-16/15	16,4	135	181	193	221	258
	16/18	15,2	123	164	176	201	234
	22/10-22/12	22,2	238	316	338	385	448
	22/15	22,2	240	319	341	389	452
1,65	16/10-16/15	16,4	113	151	162	185	216
	16/18	15,2	99	132	142	162	189
	22/10-22/12	22,2	199	265	283	322	375
	22/15	22,2	201	268	286	326	379
2,1	16/10-16/15	16,4	84	112	120	137	160
	16/18	15,2	84	112	120	137	160
	22/10-22/12	22,2	153	208	223	256	300
	22/15	22,2	166	221	237	270	314

\* Pressure at drip line inlet: 1,0-1,2 bar, according to wall thickness

\*\*Flow rates indicated are for drip tapes with 15 mil wall thickness.

Flow rates vary according to wall thickness.