

Hydrodrip

Drip tape



JOHN DEERE
WATER



Hydrodrip drip tape is an economical solution for annual row crops, field crops, and greenhouses. Engineered with an efficient turbulent flow path, Hydrodrip's channel design minimizes clogging. Because Hydrodrip is a flat integral drip tape, it is a good choice for manual or mechanized layout and retrieval. Hydrodrip is available in a wide range of diameters and wall thicknesses.

Specifications

Diameter and wall thickness:

- 16 mm: W.T. - 18, 25 mil
- 16 mm: W.T. - 10, 12, 15 mil
- 20 mm: W.T. - 18, 25 mil
- 22 mm: W.T. - 10, 12, 15, 18, 25 mil

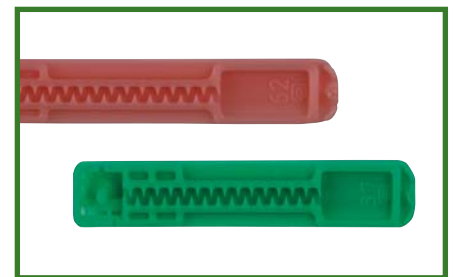
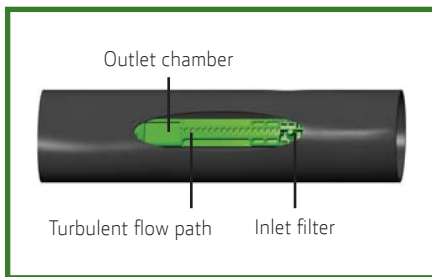
Recommended operating pressure:
0.55 bar

Maximum operating pressure according to wall thickness (See technical data below).

Flow rates at 1.0 bar for wall thickness of 18 mil*: 1.2, 1.65, 2.1, 3.4 lph
* Flow rates vary according to wall thickness

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

Applications: For vegetables, annual field crops and greenhouses



Hydrodrip - Technical Data

Product	Inside Diameter (mm)	Wall Thickness (mm)	Wall Thickness (mil)	Max. Operating Pressure (bar)	Reel Length (m)
16/10	16	0.25	10	1.3	2200
16/12	16	0.30	12	1.3	1800
16/15	16	0.38	15	1.5	1300
16/18	15.2	0.45	18	1.5	1500
16/25	15.2	0.60	25	2.0	800
20/18	17.6	0.45	18	1.2	1200
20/25	17.6	0.60	25	2.0	800
22/10	22.2	0.25	10	1.0	1650
22/12	22.2	0.30	12	1.0	1200
22/15	22.2	0.38	15	1.2	1000
22/18	22.2	0.45	18	1.2	900
22/25	22.2	0.60	25	2.0	700

Max. Recommended Dripline Length (m) on Flat Terrain - Flow Variation: EU 90%**

Color & Flow Rate (lph)*	Diameter/ Wall Thick. (mm/mil)	Dripline I.D.*** (mm)	Spacing between Emitters (cm)							
			20	30	33	40	50	60	75	100
Pink 1.2										
	16/10,12,15	16.0	148	198	212	242	282	319	371	448
	16/18, 25	15.2	130	174	186	213	248	281	326	394
	20/18	17.6	169	225	240	274	318	359	417	503
	22/10,12,15	22.2	267	355	380	432	503	568	659	796
	22/18	22.2	252	336	358	409	476	537	623	752
Green 1.65										
	16/10,12,15	16.0	123	166	177	203	237	268	311	376
	16/18, 25	15.2	106	142	151	173	202	229	266	321
	20/18	17.6	139	185	198	226	263	296	344	415
	22/10,12,15	22.2	223	298	318	362	422	476	552	667
	22/18	22.2	208	277	296	338	393	446	514	621
Yellow 2.1										
	16/18	15.2	70	97	104	119	139	157	184	220
	20/18	17.6	96	128	133	156	177	205	238	287
	22/18	22.2	140	185	199	225	270	301	343	426
White 3.4										
	16/18	15.2	54	73	78	89	104	118	137	185
	20/18	17.6	70	96	100	117	136	151	179	215
	22/18	22.2	104	138	149	174	201	229	236	320

* Flow rates indicated are for driplines with 18 mil wall thickness.

Flow rates vary according to wall thickness

** Pressure at dripline inlet: 1.2 bar

*** I.D. = Inside Diameter.