

D5000

John Deere D5000 Flow Regulated Drip Line



JOHN DEERE
WATER



The John Deere D5000 Flow Regulated Drip Line utilizes a universal flat dripper that can be integrated in several diameters of line and wall thickness configurations. Engineered to resist clogging, the John Deere D5000's design incorporates both multiple inlet filters and an emitter labyrinth with a large cross section. And with the accurate flow regulation, the John Deere D5000 Drip Line is the ideal choice for long runs or sloping terrain.

From row crops to field crops, you can find the John Deere D5000 flow Regulated Drip Lines delivering the right amount of water, where you need it.

D5000 Flow Regulated Drip Line Specifications

Nominal flow rate: 1.0, 1.5, 2.0 lph
 Nominal diameter: 16, 17, 20, 22 mm
 Wall thickness: 15-47 mil

Available in black or white hose color.
 Emitters spacing: Minimum of 15 cm
 Outlet types: 15 mm - Slit
 Above 15 mm - Hole

Applications: For row crops, vegetables,
 and field crops.

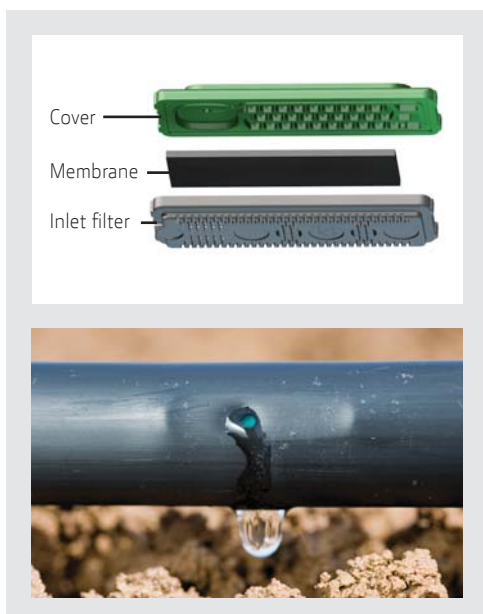
D5000 - Product Specifications

Product*	Inside Diameter (mm)	Outside Diameter (mm)	Wall Thickness (mm)	Wall Thickness (mil)	Max. Operating Pressure (bar)	Reel Length** (m)
16/15	16.0	16.76	0.38	15	1.8	800
16/30	13.8	15.32	0.76	30	2.5	600
16/35	13.8	15.58	0.89	35	3.0	500
16/40	13.8	15.83	1.02	40	3.5	400
17/18	15.3	16.20	0.45	18	1.5	1100
17/25	15.3	16.57	0.63	25	2.0	800
17/40	15.3	17.33	1.02	40	3.5	450
17/45	15.3	17.59	1.14	45	3.5	400
20/25	17.6	18.87	0.63	25	2.0	600
20/40	17.6	19.63	1.02	40	3.5	350
20/45	17.6	19.89	1.14	45	3.5	300
20/47	17.6	19.99	1.19	47	3.5	300
22/15	22.2	22.96	0.38	15	1.2	800
22/25	22.2	23.47	0.63	25	2.0	500

* Product: diameter/wall thickness
 ** For products with under 50 cm spacing

D5000 - Emitter color identification and flow rates

Emitter Body Color	Emitter Cover Color	Flow Rate (lph)	Pressure Range (bar)
Gray	Green	1.0	0.5-3.5
Gray	Pink	1.5	0.5-3.5
Gray	Yellow	2.0	0.5-3.5



D5000 - Max. Recommended Drip line Length (m) on Flat Terrain - calculated at maximum operating pressure

Product Diameter/ Wall Thickness/ Flow Rate (mm/mil/lph)	Spacing between Emitters (cm)							
	15	20	30	40	50	60	75	100
1.0 lph								
16/15 /1.0	120	154	215	271	322	370	436	537
16/30 /1.0	101	130	184	234	280	322	383	474
16/35 /1.0	109	140	199	252	302	349	414	513
16/40 /1.0	116	149	212	269	322	371	441	547
17/18 /1.0	102	130	182	229	272	312	368	453
17/25 /1.0	117	150	210	264	314	361	425	523
17/40 /1.0	139	179	251	316	376	432	510	628
17/45 /1.0	148	190	267	337	401	461	544	670
20/25 /1.0	158	201	279	349	413	472	554	678
20/40 /1.0	189	241	334	418	495	566	665	815
20/45 /1.0	201	256	356	446	528	604	710	870
20/47 /1.0	201	256	356	446	528	604	710	870
22/15 /1.0	204	254	344	423	495	560	653	792
22/25 /1.0	266	333	451	555	650	737	859	1043
1.5 lph								
16/15 /1.5	92	118	165	208	248	284	336	414
16/30 /1.5	77	100	141	179	215	248	294	365
17/18 /1.5	86	111	155	196	233	267	316	388
17/25 /1.5	90	115	161	203	242	277	328	403
20/25 /1.5	121	155	215	268	318	364	427	523
22/15 /1.5	157	196	265	326	381	433	503	611
22/25 /1.5	205	256	347	428	501	569	662	805
2.0 lph								
16/15 /2.0	79	98	137	173	206	236	279	344
16/30 /2.0	64	82	117	149	178	206	245	303
17/18 /2.0	65	83	116	146	174	200	236	290
17/25 /2.0	74	95	134	168	201	230	272	335
20/25 /2.0	101	128	178	223	264	302	355	435
22/15 /2.0	130	162	220	271	317	359	419	509
22/25 /2.0	170	213	289	356	417	473	551	669