

UNIFLOW

CYL. DRIPLINE PC

The super strong dripline with excellent uniformity

Product description

Uniflow Pc® is a low density polyethylene dripline characterized by a cylindrical dripper with pressure-compensating flow. The pressure-compensation mechanism is guaranteed by the silicone membrane which keeps the flow rate constant as the pressure varies.

Product range

DIAMETER Ø - mm	16	20
THICKNESS mil	44	
THICKNESS mm	1.10	
FLOW RATE* l/h 3,5bar	1,6 - 2,0 - 2,2 - 4,0 - 4,3	
SPACING cm	15 - 20 - 23 - 25 - 30 - 33 40 - 50 - 60 - 70 - 80 - 100 - 120 - 150	

Table in nominal values

*≥ 35 mil * < 35 mil
minimum pressure 0,5 bar minimum pressure 0,5 bar
maximum pressure 3,5 bar maximum pressure 3,5 bar

On request:

- Available in brown and white color
- Availability of alternating pitch emitters

Dripper features

- Cylindrical dripper;
- Pressure-compensating flow;
- Labyrinth with self-cleaning design and large water passages;
- Integrated filter reduces the passage of impurities;
- No sensitivity to pressure;
- Low coefficient of technological variation;

Recommended applications

Uniflow Pc® is ideal in the case of steep terrain, with slopes and for long stretches.



Crops

Uniflow Pc® is suitable for open field or greenhouse applications in multi-seasonal tree crops such as oranges, lemons, grapes, apples, pears, almonds, olives, kiwis, hazelnuts.



Advantages

- Perfect emission uniformity;
- Reliable operation and longer life;
- High resistance to UV rays and fertilizers used in agriculture;
- Very little maintenance required.

Maximum length of recommended lines, in metres, with emission uniformity (E.U.) of 85%

Nominal Diameter Ø 16 mm

THICKNESS mil	DIAMETER Internal mm	FLOW RATE  l/h	SPACING cm										Working pressure (bar)
			15	20	25	30	33	40	50	60	75	100	
44	13.70	1,60	35	46	64	80	94	108	121	133	144	155	1.00
			51	68	95	118	140	160	179	196	213	230	2.00
			62	82	113	142	168	191	214	235	256	277	3.00
		2,20	29	39	54	67	79	90	101	111	121	130	1.00
			43	57	79	99	117	134	150	164	179	192	2.00
			51	68	94	118	140	160	179	197	214	230	3.00
		4,30	17	22	31	40	47	54	60	66	71	77	1.00
			25	33	47	59	69	79	88	97	106	114	2.00
			30	40	56	70	83	95	106	117	127	137	3.00

Nominal DiameterØ 20 mm

THICKNESS mil	DIAMETER Internal mm	FLOW RATE  l/h	SPACING cm										Working pressure (bar)
			15	20	25	30	33	40	50	60	75	100	
44	17.40	1,60	50	66	94	118	140	161	180	198	216	232	1.00
			73	98	138	174	207	237	265	293	318	344	2.00
			87	117	166	208	247	284	318	351	382	413	3.00
		2,20	42	56	79	99	118	135	151	167	181	195	1.00
			62	82	116	145	173	198	223	246	267	288	2.00
			73	97	138	173	207	237	266	294	320	345	3.00
		4,30	25	33	47	59	70	80	90	99	107	116	1.00
			36	48	68	86	102	117	132	145	159	171	2.00
			43	58	81	103	122	140	157	174	189	205	3.00

The values of the lines in meters are indicative



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Specifications Packaging - Standard rolls

DIAMETER Ø - mm	THICKNESS mil	Roll length m	Rolls / Container-Truck			Meters / Container		Meters / Truck
			20Ft	40FtHC	Truck	20Ft	40FtHC	
16	44	400	170	400	500	68000	160.000	200.000

Specifications Packaging - Small rolls

DIAMETER Ø - mm	THICKNESS mil	Roll length m	Rolls / pallets	Rolls / Container-Truck			Meters / Container		Meters / Truck
				20Ft	40FtHC	Truck	20Ft	40FtHC	
16	44	25	100	1.000	2.000	2.200	25.000	50.000	55.000
		50	88	880	1.760	1.936	44.000	88.000	96.800
		100	48	480	960	1.056	48.000	96.000	105.300
		200	28	280	560	616	56.000	112.000	123.200

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Price tables

Standard rolls for agriculture

DIAMETER Ø	THICKNESS		SPACING (cm) also available over 150cm																
			15	20	25	30	33	35	40	50	60	70	75	80	90	100	110	125	150
	mil	mm	PRICE €/m																
16	44	1,10	0,717	0,512	0,445	0,390	0,373	0,364	0,344	0,316	0,297	0,283	0,278	0,273	0,265	0,258	0,253	0,247	0,239
20			-	0,548	0,482	0,435	0,418	0,409	0,389	0,361	0,343	0,330	0,323	0,319	0,310	0,304	0,299	0,292	0,284

Reduced rolls for gardening

DIAMETER Ø	THICKNESS		LENGTH ROLL	SPACING (cm)						<i>also available over 40cm</i>
				15	20	25	30	33	35	40
	mil	mm		PRICE €/m						
16	44	1,10	25		0,774	0,659	0,587	0,558	0,542	0,509
			50		0,765	0,650	0,578	0,549	0,533	0,500
			100		0,699	0,584	0,512	0,483	0,467	0,434
			200		0,664	0,549	0,477	0,448	0,432	0,399

Available in brown color with a supplement of €0.047m