

# 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 - 25 - 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	43	58	80	100	118	135	151	166	180	194	1.00
			64	86	119	148	175	200	223	245	266	287	2.00
			77	103	141	177	210	239	268	294	320	346	3.00
		2,20	36	48	67	84	99	113	126	139	151	163	1.00
			53	71	99	124	146	167	187	205	223	241	2.00
			63	85	118	147	175	201	223	246	268	288	3.00
		4,30	21	28	39	50	59	67	75	82	89	96	1.00
			31	42	58	73	86	99	110	122	132	143	2.00
			37	50	70	87	104	119	132	146	159	171	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	62	83	118	148	175	201	225	248	270	290	1.00
			92	122	173	217	258	296	332	366	398	430	2.00
			109	146	207	260	309	355	398	439	478	516	3.00
		2,20	52	69	99	124	147	168	188	208	226	243	1.00
			77	103	144	182	216	248	279	307	334	360	2.00
			91	122	172	217	259	297	333	367	400	432	3.00
		4,30	31	41	58	73	87	100	112	123	134	145	1.00
			45	61	85	107	128	147	165	182	198	213	2.00
			54	72	101	129	153	176	197	217	237	256	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) <i>also available over 150cm</i>																
			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