

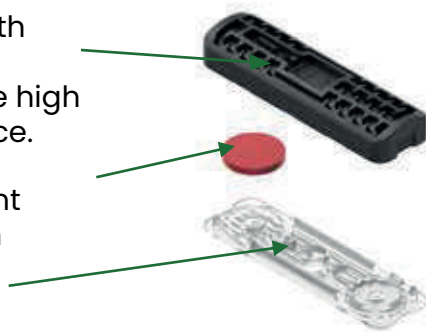


Flat PC AS Driplines Drip Irrigation Pipe

Advanced labyrinth with wide water passages provide high clogging resistance.

Chemical-resistant silicon diaphragm

Cover



Pressure Compensating (PC) emitters incorporate a silicone membrane which enables the delivery of precise and equal amounts of water over a broad pressure range.

Emitter Characteristics

- Wide range of flow rates from 1.0 to 3.8 l/h.
- State of the art flat emitter technology.
- Continuous self cleaning mechanism ensures non-clogging operation.
- Low friction losses due to the ultra slim design of the emitter.

Anti-Siphon (AS) system is a specially designed mechanism that prevents suction of dirt and impurities into the emitter.



Product Applications

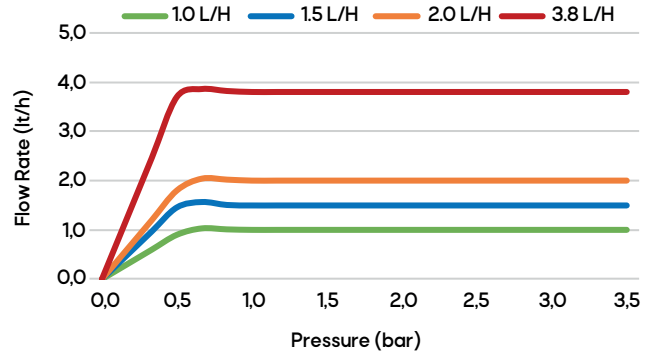
- Precision irrigation
- Uneven terrains
- Greenhouses
- Orchards
- Mine sites

Suitable for subsurface drip irrigation.

Data Sheet

Dia.	Wall Thickness		Working Pressure	Coil Length
	(mm)	mil mm		
16	25	0,63	0,8 - 2,5	400
	30	0,76	0,8 - 2,5	400
	36	0,90	0,8 - 3,0	400
	40	1,00	0,8 - 3,5	400
	44	1,10	0,8 - 3,5	400
20	25	0,63	0,8 - 2,5	300
	30	0,76	0,8 - 2,5	300
	36	0,90	0,8 - 3,0	300
	40	1,00	0,8 - 3,5	300
	44	1,10	0,8 - 3,5	300

Pc As Emitter Performance Curve



16 MM – MAXIMUM LATERAL LENGTH – %0 Slope – E:1.0mm

Flow Rate	Inlet Pressure (bar)	Emitter Spacing (cm)						
		20	30	40	50	60	70	80
1.0 L/H	1,0	82	106	128	148	166	183	200
	1,5	130	168	202	234	262	289	315
	2,0	158	205	246	284	319	352	384
	2,5	179	233	280	323	363	400	436
	3,0	197	255	307	354	398	439	478
	3,5	212	275	331	382	429	473	516
1.6 L/H	1,0	61	79	95	109	123	135	148
	1,5	96	125	150	173	194	214	233
	2,0	117	152	182	211	237	261	284
	2,5	133	172	207	239	268	296	323
	3,0	146	189	228	263	295	325	354
	3,5	157	204	245	283	318	350	382
2.0 L/H	1,0	53	68	82	95	106	117	128
	1,5	83	108	130	150	168	186	202
	2,0	101	132	158	183	205	226	246
	2,5	115	149	180	207	233	256	280
	3,0	127	164	197	228	256	282	307
	3,5	136	177	213	245	276	304	331
3.8 L/H	1,0	35	45	54	63	70	77	84
	1,5	55	72	86	99	112	123	134
	2,0	67	87	105	121	136	150	164
	2,5	76	99	119	138	154	170	185
	3,0	84	109	131	151	169	187	204
	3,5	90	117	141	163	183	202	220

20 MM – MAXIMUM LATERAL LENGTH – %0 Slope – E:1.0mm

Flow Rate	Inlet Pressure (bar)	Emitter Spacing (cm)						
		20	30	40	50	60	70	80
1.0 L/H	1,0	121	157	189	218	245	270	294
	1,5	192	249	299	345	387	427	464
	2,0	233	302	364	419	471	520	566
	2,5	265	343	413	476	535	590	642
	3,0	291	377	453	523	587	648	705
	3,5	313	406	488	563	633	698	760
1.6 L/H	1,0	90	117	140	162	181	200	218
	1,5	142	184	221	255	286	316	344
	2,0	173	224	269	311	349	385	419
	2,5	196	254	306	353	396	437	476
	3,0	216	279	336	387	435	480	523
	3,5	232	301	362	417	469	517	563
2.0 L/H	1,0	78	101	121	140	157	173	189
	1,5	123	159	192	221	249	274	299
	2,0	150	194	234	269	303	333	364
	2,5	170	221	265	306	343	379	412
	3,0	187	242	291	336	378	416	453
	3,5	201	261	314	362	406	448	488
3.8 L/H	1,0	52	67	80	93	104	115	125
	1,5	82	106	127	147	165	182	198
	2,0	99	129	155	179	201	221	241
	2,5	113	146	176	203	228	252	274
	3,0	124	161	193	223	250	276	301
	3,5	134	173	208	240	270	298	324



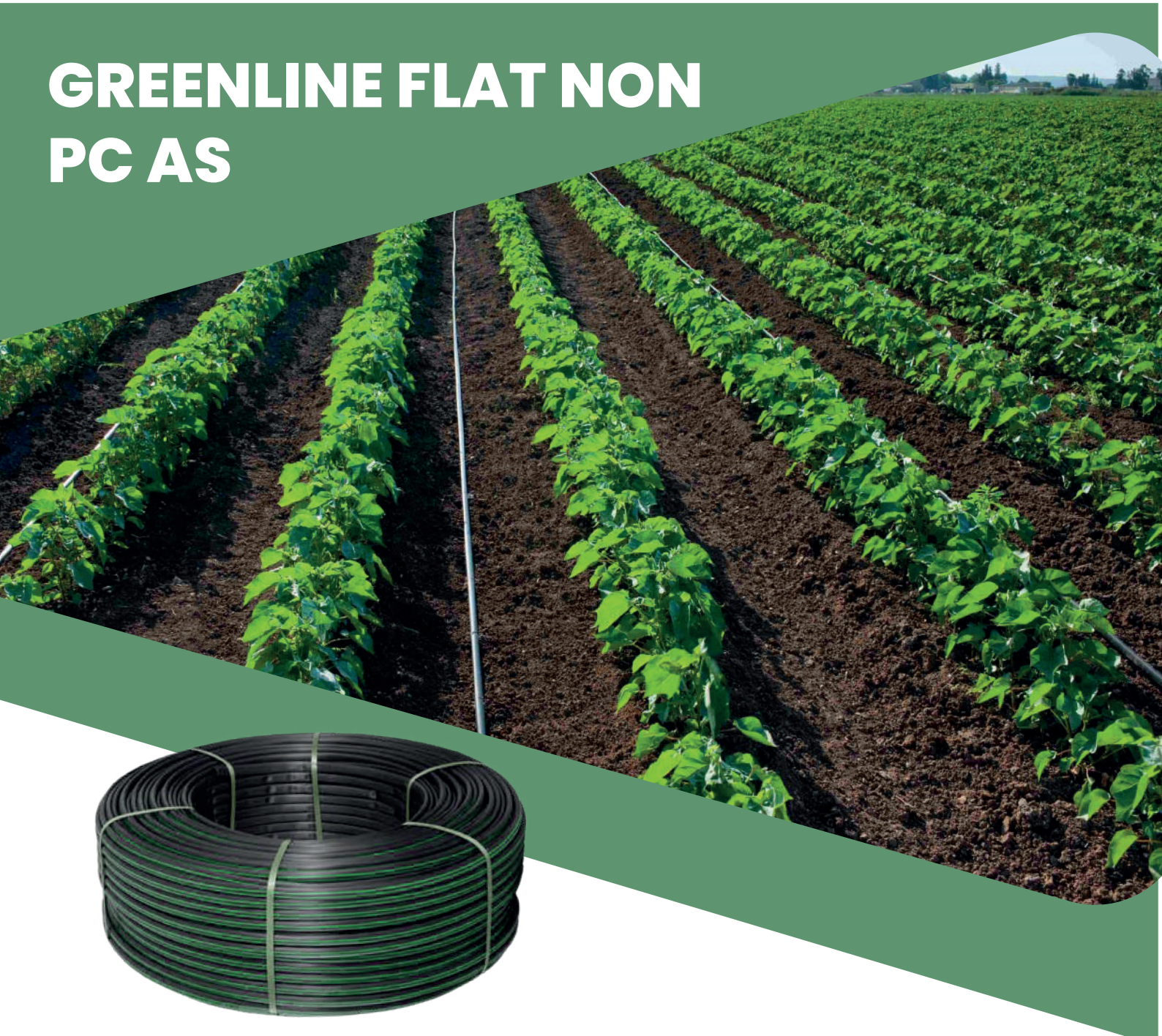
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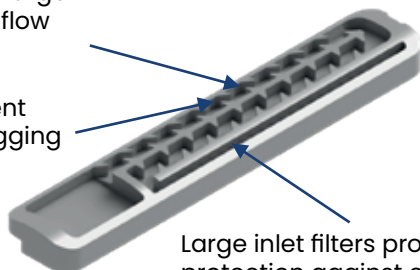
GREENLINE FLAT NON PC AS



Flat NON PC Driplines Drip Irrigation Pipe

Wide labyrinth allows large particles through the flow path

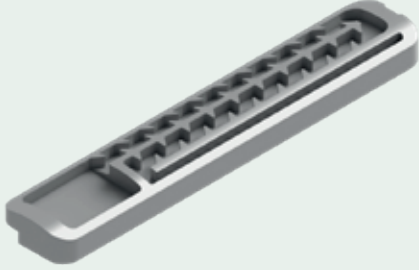
Labyrinth with turbulent flow, outstanding clogging resistance



Large inlet filters provide great protection against clogging

Emitter Characteristics

- Available in two flow rates 2 and 4 l/h.
- Flat integral dripper, excellent clog-resistance
- High UV resistance.
- Resistant to all nutrients used in agriculture.



Dia.	Wall Thickness		Flow Rate	Req. Filtration	Coil Length
	(mm)	mil			
16	28	0,70	2 - 4	120	700
	32	0,80	2 - 4	120	600
	36	0,90	2 - 4	120	400
	40	1,00	2 - 4	120	400
20	32	0,80	2 - 4	120	500
	36	0,90	2 - 4	120	300
	40	1,00	2 - 4	120	300
	44	1,10	2 - 4	120	300

MAXIMUM LATERAL LENGTH %0 Slope - %10 Flow Variation

Flow Rate	Inlet Pressure (bar)	Dripper Spacing (cm)							
		20	30	40	50	60	70	80	
16 MM	2.0	1,0	53	68	82	95	106	117	128
		1,5	61	79	95	110	123	136	148
	4.0	1,0	34	44	52	61	68	75	82
		1,5	39	51	61	71	79	87	95
20 MM	2.0	1,0	81	105	126	146	163	181	196
		1,5	94	122	146	169	190	210	228
	4.0	1,0	52	67	81	94	105	116	126
		1,5	60	78	94	109	122	134	146

Product Applications

- Landscape
- Vineyards
- Orchards
- Greenhouse
- Row crops
- Mine sites



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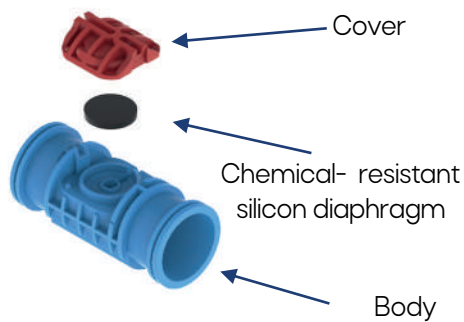


GREENSOL R PC AS

Cylindric PC AS Driplines Drip Irrigation Pipe

Advanced water inlet design with industry-leading filtration area

The large cross-section combined with the highly turbulent flow channel provides high resistance to clogging.



Pressure Compensating (PC) emitters incorporate a silicone membrane which enables the delivery of precise and equal amounts of water over a broad pressure range

Dripper Features

- 2 lt/hour and 4 lt/hour flow rate options
- State-of-the-art dripper design
- Self-cleaning system to prevent clogging
- High UV resistance
- Resistant to all nutrients used in agriculture
- Ideal for reuse of wastewater

Anti-Sifon (AS) system is a specially designed mechanism that prevents suction of dirt and impurities into the emitter.



Product Applications

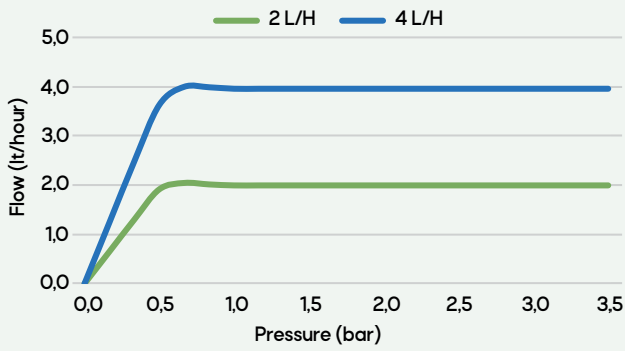
- Applications requiring precise irrigation
- Sloping lands
- Farm plants
- Greenhouses
- Orchards
- Landscape Areas
- Gardening

Suitable for subsurface drip irrigation.

Information Form

Dia (mm)	Wall Thickness		Pressç Comp. (bar)	Coil Lenght (m)
	mil	mm		
16	36	0,90	0,5 - 3,5	400
	40	1,00	0,5 - 3,5	400
	44	1,10	0,5 - 3,5	400

PC Dripper Performance Curve



16 MM - MAXIMUM LATERAL LENGTH - 0% Slope - E:100mm

Inlet Flow Rate Pressure (bar)	Dripper Spacing (cm)							
	20	30	40	50	60	70	80	
2.0 L/H	1.0	55	78	97	116	133	149	164
	1.5	71	99	125	148	170	191	210
	2.0	82	114	144	171	196	220	243
	2.5	90	126	159	190	217	244	269
	3.0	98	137	172	205	235	264	292
	3.5	104	146	184	219	252	282	311
	4.0	110	154	194	231	265	298	329
4.0 L/H	1.0	35	49	62	74	84	95	104
	1.5	45	63	79	94	108	121	134
	2.0	52	72	92	109	125	140	155
	2.5	57	80	102	121	139	156	172
	3.0	62	87	110	131	150	169	186
	3.5	66	93	117	140	160	180	199
	4.0	70	98	124	148	169	190	210



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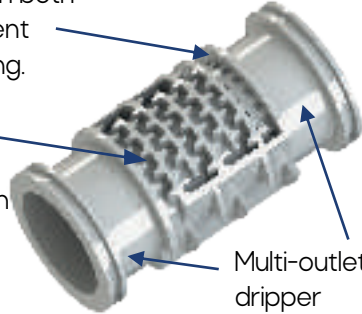


GREENLINE R NON PC

NON PC Round Drip Irrigation Pipes with Cylindrical Emitter

Inlet filters located on both sides provide excellent resistance to clogging.

The large labyrinth allows large particles to pass through the flow path. Allows design:



Multi-outlet 4 outlets per dripper

Dripper Features

- 2 lt/hour and 4 lt/hour flow rate options
- Improved clogging resistance with large filtering area on both sides
- Four outlets per dripper to prevent clogging caused by external factors
- High UV resistance
- Resistant to all nutrients used in agriculture

Dia (mm)	Wall Thickness		Flow (lt/hr)	Req. Filtration (mesh)	Coil Length (m)
	mil	mm			
16	36	0,90	2 - 4	120	400
	40	1,00	2 - 4	120	400
20	36	0,90	2 - 4	120	300
	40	1,00	2 - 4	120	300

MAXIMUM LATERAL LENGTH 0% Slope - 10% Flow Change

Flow Rate lt/hr	Entry Pressure (bar)	Dripper Spacing (cm)							
		20	30	40	50	60	70	80	
16 MM	1,0	53	68	82	95	106	117	128	
		61	79	95	110	123	136	148	
	1,5	34	44	52	61	68	75	82	
		39	51	61	71	79	87	95	
20 MM	1,0	81	105	126	146	163	181	196	
		94	122	146	169	190	210	228	
	1,5	52	67	81	94	105	116	126	
		60	78	94	109	122	134	146	



SCOPE OF APPLICATION

- Landscape Areas
- Vineyards
- Orchards
- Greenhouses
- Farm plants



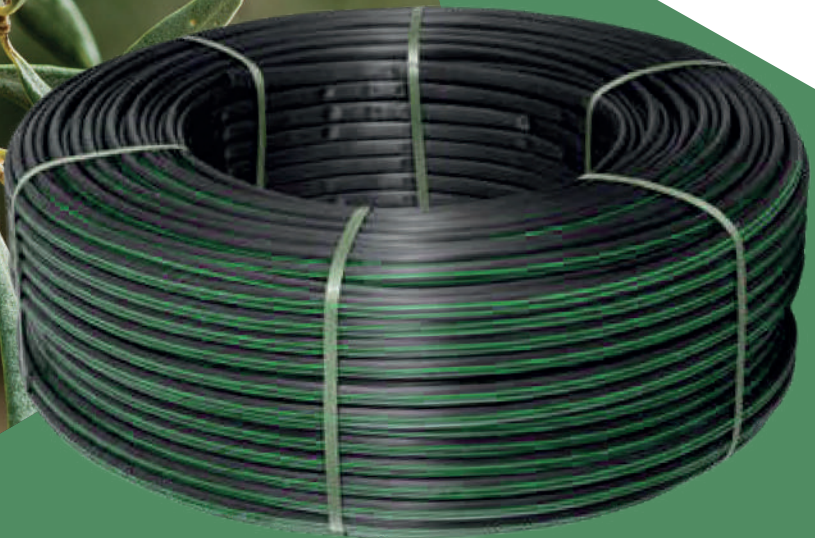
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GREENLINE PLAIN PIPE

GREENLINE Plain-Blind Irrigation Pipe

Plain-Blind Pipes

It is used in agricultural irrigation systems, water distribution systems, sprinkler and micro sprinkler bases and drip irrigation sets.

Produced with UV and oxidation protection, these products are resistant to solar radiation and maintain their durability for many years without significant damage.

Resistant to salt water, acid or alkaline solutions (highly concentrated solutions) and most substances used in agricultural applications.

Manufactured using Low or Medium Density Polyethylene, making it particularly resistant to breaks and bending and offering long-term reliability.



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FLAT IRRIGATION PIPE

Flat Drip Irrigation Pipe

Turbulent flow labyrinth prevents clogging.

Large filtration area against clogging.

The large labyrinth allows large particles to flow through the channels.



Dripper Features

- Wide product options with flow rates ranging from 1.0 to 3.5 lt./hour
- Economical in-line flat drippers.
- UV resistance
- Resistant to all nutrients used in agriculture.
- Low friction losses thanks to ultra-thin design dripper

Scope of application

- Economical Irrigation Solutions
- Vineyards
- Olives
- Greenhouses
- Farm plants

The smartest budget-friendly choice for seasonal drip irrigation applications.

Dia (mm)	Wall Thickness		Pressure Comp. (bar)	Coil Length (m)
	mil	mm		
17	6	0,15	1,00	2500
	8	0,20	1,20	2300
	10	0,25	1,40	2000
	12	0,30	1,60	1700
22	8	0,20	1,10	1800
	10	0,25	1,40	1500
	12	0,30	1,60	1200
25	8	0,20	1,00	1500
	10	0,25	1,30	1300
	12	0,30	1,40	1000



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