

Polyethylene Pipes

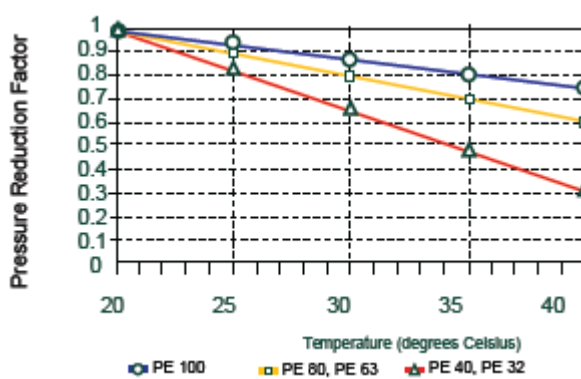
Description: Polyethylene pipes for low- and high- pressure water supply, conveyance of other suitable fluids and irrigation systems.

Range: Metric series from Ø16 up to Ø 250mm,
Imperial series from Ø ½" up to Ø 1"

Pressure Rating: Pipes are available with pressure rating from 1 up to 25 bar at 20°C.

Maximum working pressure is related to the SDR (diameter/thickness ratio), the safety coefficient C and the MRS of the pipe material.

Pressure rating has to be adjusted as shown in the figure below, if the pipes are to be used at higher temperatures.

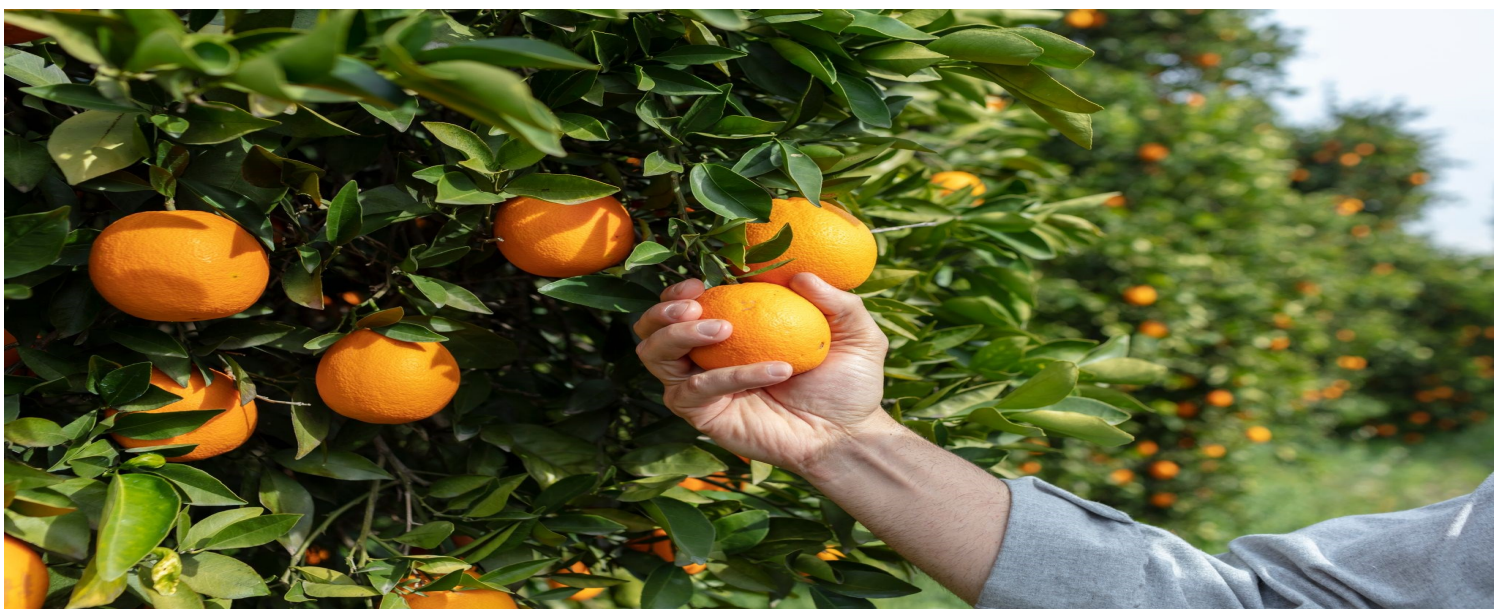


Joining methods: Pipes in the range Ø 16 - Ø 110mm can be joined by using Elysée compression fittings, pipes in the range 125 - 250mm butt fusion welding or electrofusion.

Pipes lengths: Straight lengths of 6 and 12 m or coils of 50, 100 or 200 meters

Materials: Low (PE32 & PE40), Medium and High Density PE pipes are approved for use in potable water supply systems. Black PE pipes are suitable for long exposure to sunlight (UV) and give excellent chemical resistance.

Refer to the technical manual for specific data sheets



Material	Safety Factor	Codes & Pressure Ratings																Temperature	Years of Service
		Code	PN	Code	PN	Code	PN	Code	PN	Code	PN	Code	PN	Code	PN	Code	PN		
PE 80	1,25	33050***	5,0	33060***	6,0	33080***	8,0	33100***	10,0	33125***	12,5	33160***	16,0	33200***	20,0	33250***	25,0	20 C°	50
PE 80	1,60	34040***	4,0	34050***	5,0	34060***	6,0	34080***	8,0	34100***	10,0	34125***	12,6	34160***	16,0	34200***	20,0	20 C°	50
PE 100	1,25	41060***	6,0	41080***	8,0	41100***	10,0	41125***	12,5	41160***	16,0	41200***	20,0	41250***	25,0			20 C°	50
PE 100	1,60	42050***	5,0	42060***	6,0	42080***	8,0	42100***	10,0	42125***	12,5	42160***	16,0	42200***	20,0	42250***	25,0	20 C°	50

SDR	26,0		21,0		17,0		13,6		11,0		9,0		7,4		6,0		SDR
Nominal Diameter	Wall Thickness	Weight	Wall Thickness	Weight	Wall Thickness	Weight	Wall Thickness	Weight	Wall Thickness	Weight	Wall Thickness	Weight	Wall Thickness	Weight	Wall Thickness	Weight	Nominal Diameter
mm	mm	Kg/met	mm	Kg/met	mm	Kg/met	mm	Kg/met	mm	Kg/met	mm	Kg/met	mm	Kg/met	mm	Kg/met	mm
16											2,00	0,09	2,30	0,10	3,00	0,12	16
20									2,00	0,12	2,30	0,13	3,00	0,16	3,40	0,18	20
25							2,00	0,15	2,30	0,17	3,00	0,21	3,40	0,24	4,20	0,28	25
32					2,00	0,19	2,40	0,23	3,00	0,28	3,60	0,33	4,40	0,39	5,40	0,45	32
40			2,00	0,25	2,40	0,29	3,00	0,36	3,70	0,43	4,50	0,51	5,50	0,60	6,70	0,70	40
50	2,00	0,31	2,40	0,37	3,00	0,45	3,70	0,55	4,60	0,67	5,60	0,79	6,90	0,94	8,30	1,09	50
63	2,50	0,49	3,00	0,58	3,80	0,72	4,70	0,87	5,80	1,05	7,10	1,26	8,60	1,48	10,50	1,73	63
75	2,90	0,67	3,60	0,83	4,50	1,01	5,60	1,24	6,80	1,47	8,40	1,77	10,30	2,10	12,50	2,46	75
90	3,50	0,97	4,30	1,18	5,40	1,46	6,70	1,77	8,20	2,13	10,10	2,55	12,30	3,01	15,00	3,54	90
110	4,20	1,43	5,30	1,77	6,60	2,17	8,10	2,62	10,00	3,16	12,30	3,80	15,10	4,52	18,30	5,27	110
125	4,80	1,84	6,00	2,27	7,40	2,77	9,20	3,38	11,40	4,10	14,00	4,91	17,10	5,81	20,80	6,80	125
140	5,40	2,32	6,70	2,84	8,30	3,48	10,30	4,24	12,70	5,11	15,70	6,15	19,20	7,30			140
160	6,20	3,05	7,70	3,73	9,50	4,54	11,80	5,53	14,60	6,70	17,90	8,02					160
180	6,90	3,79	8,60	4,68	10,70	5,74	13,30	7,02	16,40	8,49	20,10	10,10					180
200	7,70	4,71	9,60	5,80	11,90	7,08	14,70	8,62	18,20	10,50	22,40	12,50					200
225	8,60	5,92	10,30	6,97	13,40	8,99	16,60	10,90	20,50	13,20	25,20	15,90					225
250	9,60	7,34	11,40	8,57	14,80	11,00	18,40	13,50	22,70	16,30							250





Polyethylene & Soft Pipes

Soft Micro-tube (PVC & PE) - LDPE Hoses

No.
610



Soft PVC Pipe

Code	Diameter	Packing		Note
	mm x mm	Coil	met.	
610 5030 1000	Ø 5.0 x 3.0	1	100	C
610 5030 2000	Ø 5.0 x 3.0	1	200	C
610 5030 5000	Ø 5.0 x 3.0	1	500	C
610 5432 1000	Ø 5.4 x 3.2	1	100	C
610 5432 2000	Ø 5.4 x 3.2	1	200	C
610 5432 5000	Ø 5.4 x 3.2	1	500	C
610 6035 1000	Ø 6.0 x 3.5	1	100	C
610 6035 2000	Ø 6.0 x 3.5	1	200	C
610 6035 5000	Ø 6.0 x 3.5	1	500	C
610 6040 1000	Ø 6.0 x 4.0	1	100	C
610 6040 2000	Ø 6.0 x 4.0	1	200	C
610 6040 5000	Ø 6.0 x 4.0	1	500	C
610 7448 1000	Ø 7.4 x 4.8	1	100	C
610 7448 2000	Ø 7.4 x 4.8	1	200	C
610 7448 5000	Ø 7.4 x 4.8	1	500	C
610 9060 1000	Ø 9.0 x 6.0	1	100	C
610 9060 2000	Ø 9.0 x 6.0	1	200	C
610 9060 5000	Ø 9.0 x 6.0	1	500	C



No.
610



Soft PVC Pipe

Code	Diameter - Size	Packing		Note
	mm x mm - cm	Coil	Pieces	
610 5432 0005	Ø 5.4 x 3.2 mm - 50	1	1	L
610 5432 0006	Ø 5.4 x 3.2 mm - 60	1	1	L
610 5432 0008	Ø 5.4 x 3.2 mm - 80	1	1	L
610 5432 0010	Ø 5.4 x 3.2 mm - 100	1	1	L

No.
610



LDPE Spageti Pipe

Code	Diameter	Packing		Note
	mm x mm	Coil	met.	
610 8353 1000	Ø 8.3 x 5.3	1	100	C
610 8353 2000	Ø 8.3 x 5.3	1	200	C
610 8353 5000	Ø 8.3 x 5.3	1	500	C

No.
12040



LDPE Black (CYS106) -
SDR 13,6 - PN 4

Code	Size	Packing		Note
	mm	Coil	met.	
12040 016 025	Ø 16	1	25	C
12040 016 050	Ø 16	1	50	C
12040 016 100	Ø 16	1	100	C
12040 016 200	Ø 16	1	200	C
12040 020 025	Ø 20	1	25	C
12040 020 050	Ø 20	1	50	C
12040 020 100	Ø 20	1	100	C
12040 020 200	Ø 20	1	200	C
12040 025 025	Ø 25	1	25	C
12040 025 050	Ø 25	1	50	C
12040 025 100	Ø 25	1	100	C
12040 025 200	Ø 25	1	200	C
12040 032 025	Ø 32	1	25	C
12040 032 050	Ø 32	1	50	C
12040 032 100	Ø 32	1	100	C
12040 032 200	Ø 32	1	200	C
12040 040 025	Ø 40	1	25	C
12040 040 050	Ø 40	1	50	C
12040 040 100	Ø 40	1	100	C
12040 040 200	Ø 40	1	200	C



No.
18140



**LDPE White (CYS106) -
SDR 13,6 - PN 4**

Code	Size	Packing		Note
	mm	Coil	met.	
18140 016 025	Ø 16	1	25	C
18140 016 050	Ø 16	1	50	C
18140 016 100	Ø 16	1	100	C
18140 016 200	Ø 16	1	200	C
18140 020 025	Ø 20	1	25	C
18140 020 050	Ø 20	1	50	C
18140 020 100	Ø 20	1	100	C
18140 020 200	Ø 20	1	200	C
18140 025 025	Ø 25	1	25	C
18140 025 050	Ø 25	1	50	C
18140 025 100	Ø 25	1	100	C
18140 025 200	Ø 25	1	200	C
18140 032 025	Ø 32	1	25	C
18140 032 050	Ø 32	1	50	C
18140 032 100	Ø 32	1	100	C
18140 032 200	Ø 32	1	200	C

No.
18040



**LDPE Brown (CYS106) -
SDR 13,6 - PN 4**

Code	Size	Packing		Note
	mm	Coil	met.	
18040 016 025	Ø 16	1	25	C
18040 016 050	Ø 16	1	50	C
18040 016 100	Ø 16	1	100	C
18040 016 200	Ø 16	1	200	C
18040 020 025	Ø 20	1	25	C
18040 020 050	Ø 20	1	50	C
18040 020 100	Ø 20	1	100	C
18040 020 200	Ø 20	1	200	C
18040 025 025	Ø 25	1	25	C
18040 025 050	Ø 25	1	50	C
18040 025 100	Ø 25	1	100	C
18040 025 200	Ø 25	1	200	C
18040 032 025	Ø 32	1	25	C
18040 032 050	Ø 32	1	50	C
18040 032 100	Ø 32	1	100	C
18040 032 200	Ø 32	1	200	C

No.
13040



LDPE Pipe - PN 4

Code	Size	Packing		Note
	mm	Coil	met.	
13040 016 100	Ø 16	1	100	C
13040 016 200	Ø 16	1	200	C
13040 016 400	Ø 16	1	400	C
13040 020 100	Ø 20	1	100	C
13040 020 200	Ø 20	1	200	C
13040 020 400	Ø 20	1	400	C

No.
19090



**LDPE Pipe (BS 1972) -
PN 10**

Code	Size	Packing		Note
	in	Coil	met.	
19090 001 100	Ø ½"	1	100	C
19090 001 200	Ø ½"	1	200	C
19090 002 100	Ø ¾"	1	100	C
19090 002 200	Ø ¾"	1	200	C
19090 003 100	Ø 1"	1	100	C
19090 003 200	Ø 1"	1	200	C



Polyethylene & Soft Pipes

MDPE & HDPE Hoses

No.
22120



MDPE Pipe - PN 12

Code	Size	Packing		Note
	mm	Coil	met.	
22120 020 001	Ø 20	1	1	
22120 025 001	Ø 25	1	1	
22120 032 001	Ø 32	1	1	
22120 040 001	Ø 40	1	1	
22120 050 001	Ø 50	1	1	
22120 063 001	Ø 63	1	1	

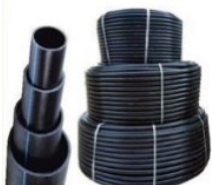
No.
21125



PE 80 Pipe Blue - PN 12.5

Code	Size	Packing		Note
	mm	Coil	met.	
21125 020 001	Ø 20	1	1	
21125 025 001	Ø 25	1	1	
21125 032 001	Ø 32	1	1	
21125 040 001	Ø 40	1	1	
21125 050 001	Ø 50	1	1	
21125 063 001	Ø 63	1	1	

No.
33160



HDPE 80 (EN 12201) - SDR 9 - PN 16

Code	Size	Packing		Note
	mm	Coil	met.	
33160 016 001	Ø 16	1	1	
33160 020 001	Ø 20	1	1	
33160 025 001	Ø 25	1	1	
33160 032 001	Ø 32	1	1	
33160 040 001	Ø 40	1	1	
33160 050 001	Ø 50	1	1	
33160 063 001	Ø 63	1	1	
33160 075 001	Ø 75	1	1	
33160 090 001	Ø 90	1	1	
33160 110 001	Ø 110	1	1	

No.
33060

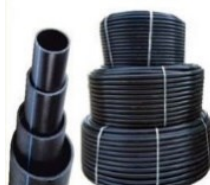


HDPE 80 (EN 12201) - SDR 21 - PN 6

Code	Size	Packing		Note
	mm	Coil	met.	
33060 016 001	Ø 16	1	1	
33060 020 001	Ø 20	1	1	
33060 025 001	Ø 25	1	1	
33060 032 001	Ø 32	1	1	
33060 040 001	Ø 40	1	1	
33060 050 001	Ø 50	1	1	
33060 063 001	Ø 63	1	1	
33060 075 001	Ø 75	1	1	
33060 090 001	Ø 90	1	1	
33060 110 001	Ø 110	1	1	



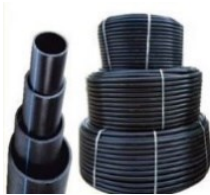
No.
33125



HDPE 80 (EN 12201) - SDR 11 - PN 12.5

Code	Size	Packing		Note
	mm	Coil	met.	
33125 016 001	Ø 16	1	1	
33125 020 001	Ø 20	1	1	
33125 025 001	Ø 25	1	1	
33125 032 001	Ø 32	1	1	
33125 040 001	Ø 40	1	1	
33125 050 001	Ø 50	1	1	
33125 063 001	Ø 63	1	1	
33125 075 001	Ø 75	1	1	
33125 090 001	Ø 90	1	1	
33125 110 001	Ø 110	1	1	

No.
41100



HDPE 100 Pipe - SDR 17 -
PN 10

Code	Size	Packing		Note
	mm	Coil	met.	
41100 025 001	Ø 25	1	1	
41100 032 001	Ø 32	1	1	
41100 040 001	Ø 40	1	1	
41100 050 001	Ø 50	1	1	
41100 063 001	Ø 63	1	1	
41100 075 001	Ø 75	1	1	
41100 090 001	Ø 90	1	1	
41100 110 001	Ø 110	1	1	
41100 125 001	Ø 125	1	1	
41100 250 001	Ø 250	1	1	

No.
41125



HDPE 100 Pipe - SDR 13.6
- PN 12.5

Code	Size	Packing		Note
	mm	Coil	met.	
41125 025 001	Ø 25	1	1	
41125 032 001	Ø 32	1	1	
41125 040 001	Ø 40	1	1	
41125 050 001	Ø 50	1	1	
41125 063 001	Ø 63	1	1	
41125 075 001	Ø 75	1	1	
41125 090 001	Ø 90	1	1	
41125 110 001	Ø 110	1	1	
41125 125 001	Ø 125	1	1	
41125 250 001	Ø 250	1	1	

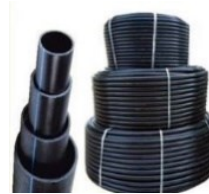
No.
41160



HDPE 100 Pipe - SDR 11 -
PN 16

Code	Size	Packing		Note
	mm	Coil	met.	
41160 025 001	Ø 25	1	1	
41160 032 001	Ø 32	1	1	
41160 040 001	Ø 40	1	1	
41160 050 001	Ø 50	1	1	
41160 063 001	Ø 63	1	1	
41160 075 001	Ø 75	1	1	
41160 090 001	Ø 90	1	1	
41160 110 001	Ø 110	1	1	

No.
41200



HDPE 100 Pipe - SDR 9 -
PN 20

Code	Diameter	Packing		Note
	mm	Coil	met.	
41200 025 001	Ø 25	1	1	
41200 032 001	Ø 32	1	1	
41200 040 001	Ø 40	1	1	
41200 050 001	Ø 50	1	1	
41200 063 001	Ø 63	1	1	
41200 075 001	Ø 75	1	1	
41200 090 001	Ø 90	1	1	
41200 110 001	Ø 110	1	1	





Polyethylene & Soft Pipes

HDPE Hoses - Layflat Hoses



No.
41320



HDPE 100 Pipe - SDR 6 - PN 32

Code	Diameter	Packing			Note
	mm	Coil	met.		
41320 016 001	Ø 16	1	1		
41320 020 001	Ø 20	1	1		
41320 025 001	Ø 25	1	1		
41320 032 001	Ø 32	1	1		
41320 040 001	Ø 40	1	1		
41320 050 001	Ø 50	1	1		
41320 063 001	Ø 63	1	1		
41320 075 001	Ø 75	1	1		
41320 090 001	Ø 90	1	1		
41320 110 001	Ø 110	1	1		

No.
300



Layflat Pipe Blue for Irrigation

Code	Diameter - Spacing	Packing			Note
	in	Coil	met.		
30 020 006 100	2"	1	100		C
30 020 007 100	2½"	1	100		C
30 020 008 100	3"	1	100		C
30 020 008 100	3"	1	100		C
30 020 012 100	6"	1	100		C

No.
300



Layflat Pipe Grey Heavy Duty

Code	Diameter - Spacing	Packing			Note
	in	Coil	met.		
30 060 006 100	2"	1	100		C
30 060 007 100	2½"	1	100		C
30 060 008 100	3"	1	100		C
30 060 008 100	3"	1	100		C
30 060 012 100	6"	1	100		C



Streaming Water, Streaming Life!

No.
539



Kerynia Dripline Ø 16

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
539 016 XX 020	Ø 16 - 20 cm	1	400	■ C
539 016 XX 025	Ø 16 - 25 cm	1	400	■ C
539 016 XX 030	Ø 16 - 30 cm	1	400	■ C
539 016 XX 040	Ø 16 - 40 cm	1	400	■ C
539 016 XX 050	Ø 16 - 50 cm	1	400	■ C
539 016 XX 060	Ø 16 - 60 cm	1	400	■ C
539 016 XX 070	Ø 16 - 70 cm	1	400	■ C
539 016 XX 080	Ø 16 - 80 cm	1	400	■ C
539 016 XX 090	Ø 16 - 90 cm	1	400	■ C
539 016 XX 100	Ø 16 - 100 cm	1	400	■ C

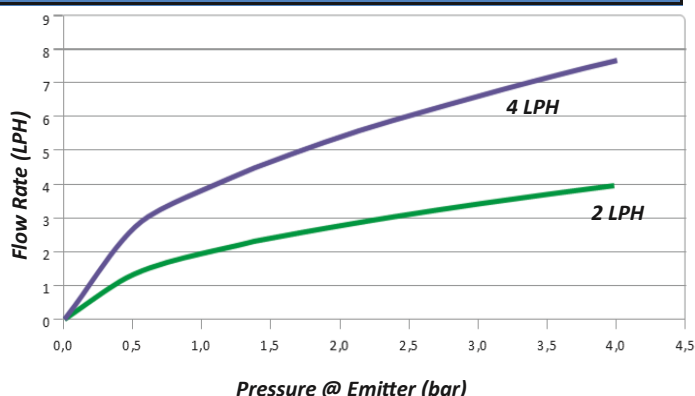
No.
539L



Kerynia Light
Dripline Ø 16

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
539 L16 XX L20	Ø 16 - 20 cm	1	400	■ C
539 L16 XX 025	Ø 16 - 25 cm	1	400	■ C
539 L16 XX 030	Ø 16 - 30 cm	1	400	■ C
539 L16 XX 040	Ø 16 - 40 cm	1	400	■ C
539 L16 XX 050	Ø 16 - 50 cm	1	400	■ C
539 L16 XX 060	Ø 16 - 60 cm	1	400	■ C
539 L16 XX 070	Ø 16 - 70 cm	1	400	■ C
539 L16 XX 080	Ø 16 - 80 cm	1	400	■ C
539 L16 XX 090	Ø 16 - 90 cm	1	400	■ C
539 L16 XX 100	Ø 16 - 100 cm	1	400	■ C

Kerynia Emitters Flow Curves



Indicative Maximum Recommended Length
@ 0% slope & 10% Flow Variation (meters)

Flow Rate	Emitter Spacing (cm)					
(LPH)	15	20	30	50	75	100
2	37	47	64	94	126	154
4	24	31	43	63	84	103

Product Characteristics

Kerynia dripline is produced with the highest quality raw material, by integrating the most advanced emitter of the industry. Provides extreme tensile strength, since it is produced with high-quality resins. Offers excellent performance on the field due to the flawlessly designed, injected molded Kerynia emitter with very low CV. The unique design of Kerynia emitter, provides high clogging resistance and offers the highest emission uniformity. The combination of those elements translates to superior quality, evenly grown crops and increased overall yield which leads to higher income for every farmer worldwide.

Note: Replace "XX" with the desired flow;
02 for 2 LPH or 04 for 4 LPH

Add "B" at the end of the code for Brown color pipe



Polyethylene & Soft Pipes

Morfou P.C. Driplines

No.
534



Morfou PC Dripline Ø 16

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
534 016 XX 020	Ø 16 - 20 cm	1	400	■ C
534 016 XX 025	Ø 16 - 25 cm	1	400	■ C
534 016 XX 030	Ø 16 - 30 cm	1	400	■ C
534 016 XX 040	Ø 16 - 40 cm	1	400	■ C
534 016 XX 050	Ø 16 - 50 cm	1	400	■ C
534 016 XX 060	Ø 16 - 60 cm	1	400	■ C
534 016 XX 070	Ø 16 - 70 cm	1	400	■ C
534 016 XX 080	Ø 16 - 80 cm	1	400	■ C
534 016 XX 090	Ø 16 - 90 cm	1	400	■ C
534 016 XX 100	Ø 16 - 100 cm	1	400	■ C

No.
534L

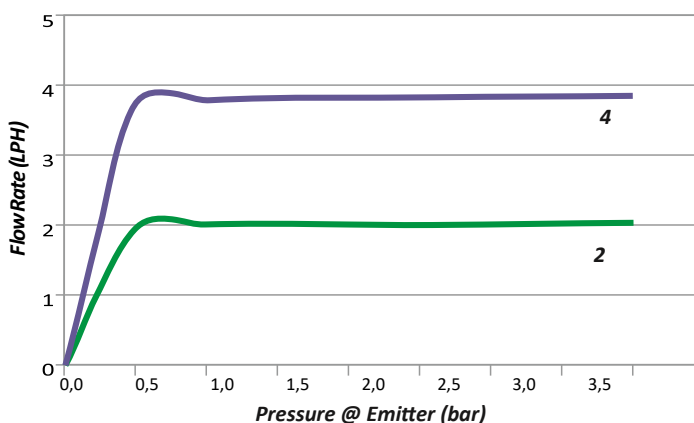


Morfou PC Light Dripline Ø 16

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
534 L16 XX L20	Ø 16 - 20 cm	1	400	■ C
534 L16 XX 025	Ø 16 - 25 cm	1	400	■ C
534 L16 XX 030	Ø 16 - 30 cm	1	400	■ C
534 L16 XX 040	Ø 16 - 40 cm	1	400	■ C
534 L16 XX 050	Ø 16 - 50 cm	1	400	■ C
534 L16 XX 060	Ø 16 - 60 cm	1	400	■ C
534 L16 XX 070	Ø 16 - 70 cm	1	400	■ C
534 L16 XX 080	Ø 16 - 80 cm	1	400	■ C
534 L16 XX 090	Ø 16 - 90 cm	1	400	■ C
534 L16 XX 100	Ø 16 - 100 cm	1	400	■ C



Morfou P.C. Emitters Flow Curves



Morfou P.C. Emitter Specifications

Drain (D), Non-Drain (ND) and Anti-Siphon (AS) options

The antisiphon (AS) system both in D and ND versions is a specially designed mechanism that prevents suction of dirt and impurities into the emitter.

The AS feature enables Morfou PC dripline to be installed underground (SDI), perfectly maintaining its irrigation characteristics and its multiyear durability. With the Non-drain system, the dripline remains full of water during irrigation intervals, ensuring immediate and uniform irrigation along the dripline. Moreover, Non-Drain emitters eliminate drainage and refill effect, and improve efficiency in pulse irrigation. In order to achieve the Non-Drain function, the emitter opens at 0,30 bar and closes at 0,18 bar.

Indicative Maximum Recommended Length @ 3,5 bar (meters)

Flow Rate (LPH)	Emitter Spacing (cm)					
	15	20	30	50	75	100
2	71	93	133	206	285	357
4	45	58	84	130	181	226

Note: Replace "XX" with the desired flow;
02 for 2 LPH or 04 for 4 LPH

Add "ND" at the end of the code for Non Drain
Add "AS" at the end of the code for Anti-Siphon
Add "B" at the end of the code for Brown color pipe

NEW

No.
535



Lysi PC Ø 16

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
535 016 XX 020	Ø 16 - 20 cm	1	400	■ C
535 016 XX 025	Ø 16 - 25 cm	1	400	■ C
535 016 XX 030	Ø 16 - 30 cm	1	400	■ C
535 016 XX 040	Ø 16 - 40 cm	1	400	■ C
535 016 XX 050	Ø 16 - 50 cm	1	400	■ C
535 016 XX 075	Ø 16 - 75 cm	1	400	■ C
535 016 XX 100	Ø 16 - 100 cm	1	400	■ C

NEW

No.
535



Lysi PC Ø 20

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
535 020 XX 020	Ø 20 - 20 cm	1	300	■ C
535 020 XX 025	Ø 20 - 25 cm	1	300	■ C
535 020 XX 030	Ø 20 - 30 cm	1	300	■ C
535 020 XX 040	Ø 20 - 40 cm	1	300	■ C
535 020 XX 050	Ø 20 - 50 cm	1	300	■ C
535 020 XX 075	Ø 20 - 75 cm	1	300	■ C
535 020 XX 100	Ø 20 - 100 cm	1	300	■ C

NEW

No.
535L



Lysi PC Light Ø 16

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
535 L16 XX L20	Ø 16 - 20 cm	1	400	■ C
535 L16 XX 025	Ø 16 - 25 cm	1	400	■ C
535 L16 XX 030	Ø 16 - 30 cm	1	400	■ C
535 L16 XX 040	Ø 16 - 40 cm	1	400	■ C
535 L16 XX 050	Ø 16 - 50 cm	1	400	■ C
535 L16 XX 075	Ø 16 - 75 cm	1	400	■ C
535 L16 XX 100	Ø 16 - 100 cm	1	400	■ C

NEW

No.
535L



Lysi PC Light Ø 20

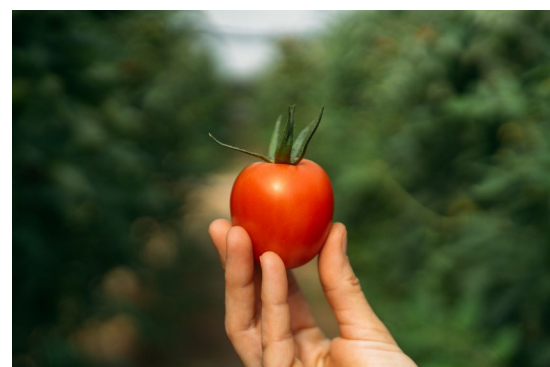
Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
535 L20 XX 020	Ø 20 - 20 cm	1	300	■ C
535 L20 XX 025	Ø 20 - 25 cm	1	300	■ C
535 L20 XX 030	Ø 20 - 30 cm	1	300	■ C
535 L20 XX 040	Ø 20 - 40 cm	1	300	■ C
535 L20 XX 050	Ø 20 - 50 cm	1	300	■ C
535 L20 XX 075	Ø 20 - 75 cm	1	300	■ C
535 L20 XX 100	Ø 20 - 100 cm	1	300	■ C

Drain, Non-Drain and Antisiphon options

The antisiphon (AS) system both in **D** (Drain) and **ND** (Non-Drain) versions is a specially designed mechanism that prevents suction of dirt and impurities into the emitter. The AS feature enables Morfou PC driptape to be installed underground (SDI), perfectly maintaining its irrigation characteristics and its multiyear durability. With the Non-drain system, the driptape remains full of water during irrigation intervals, ensuring immediate and uniform irrigation along the driptape. Moreover, Non-Drain emitters eliminate drainage & refill effect, and improve efficiency in pulse irrigation. To achieve the Non-Drain function, the emitter opens at 0,40 bar and closes at 0,25 bar.

Note: Replace "XX" with the desired flow;
11 for 1,1 LPH - 15 for 1,5 LPH or 24 for 2,4 LPH

Add "**ND**" at the end of the code for Non Drain
Add "**AS**" at the end of the code for Anti-Siphon





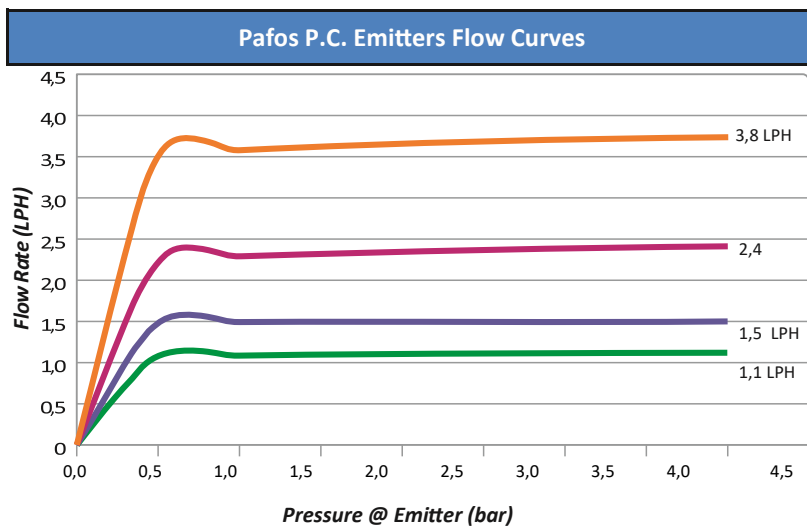
Polyethylene & Soft Pipes

Lysi PC (Round Driplines with Flat Emitters)



Laser Welding Technology

Pafos PC emitter is welded using state of the art laser technology. The particular emitter assembly procedure, ensures flawless operation of the driptape under any condition. Moreover, this advanced welding method prevents leaks in the event of extremely high pressure or the opening of the emitter during installation and retraction of the dripline in the field



Lysi PC Driplines Specifications					
Product Name		Diameter	Wall Thickness	Maximum Operating Pressure	Coil Length
Name	Code	Nominal			
		(mm)	(mm)	(bar)	(LPH) (meters)
Lysi P.C.	535	16	1.1	2.1	1.1
					1.5
					2.4
					3.8
	300	20	1.1	2.5	1.1
					1.5
					2.4
					3.8

Lysi PC Light Driplines Specifications					
Product Name		Diameter	Wall Thickness	Maximum Operating Pressure	Coil Length
Name	Code	Nominal			
		(mm)	(mm)	(bar)	(LPH) (meters)
Lysi P.C. Light	535L	16	0.9	2.1	1.1
					1.5
					2.4
					3.8
	300	20	0.9	2.5	1.1
					1.5
					2.4
					3.8

No.
54206

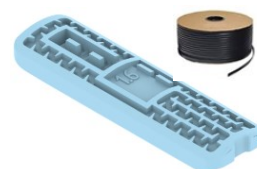


Pafos Drip Tape - 6 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54206 17 XX 15	Ø 17 - 15	1	2.300	■ C
54206 17 XX 20	Ø 17 - 20	1	2.400	■ C
54206 17 XX 25	Ø 17 - 25	1	2.500	■ C
54206 17 XX 30	Ø 17 - 30	1	2.600	■ C
54206 17 XX 40	Ø 17 - 40	1	2.600	■ C
54206 17 XX 50	Ø 17 - 50	1	2.600	■ C



No.
54208



Pafos Drip Tape - 8 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54208 17 XX 15	Ø 17 - 15	1	2.200	■ C
54208 17 XX 20	Ø 17 - 20	1	2.300	■ C
54208 17 XX 25	Ø 17 - 25	1	2.400	■ C
54208 17 XX 30	Ø 17 - 30	1	2.500	■ C
54208 17 XX 40	Ø 17 - 40	1	2.500	■ C
54208 17 XX 50	Ø 17 - 50	1	2.500	■ C

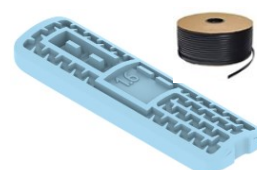
No.
54210



Pafos Drip Tape - 10 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54210 17 XX 15	Ø 17 - 15	1	1.800	■ C
54210 17 XX 20	Ø 17 - 20	1	2.000	■ C
54210 17 XX 25	Ø 17 - 25	1	2.100	■ C
54210 17 XX 30	Ø 17 - 30	1	2.300	■ C
54210 17 XX 40	Ø 17 - 40	1	2.300	■ C
54210 17 XX 50	Ø 17 - 50	1	2.300	■ C

No.
54212



Pafos Drip Tape - 12 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54212 17 XX 15	Ø 17 - 15	1	1.300	■ C
54212 17 XX 20	Ø 17 - 20	1	1.400	■ C
54212 17 XX 25	Ø 17 - 25	1	1.500	■ C
54212 17 XX 30	Ø 17 - 30	1	1.700	■ C
54212 17 XX 40	Ø 17 - 40	1	1.700	■ C
54212 17 XX 50	Ø 17 - 50	1	1.700	■ C

No.
54215



Pafos Drip Tape - 15 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54215 17 XX 15	Ø 17 - 15	1	1.050	■ C
54215 17 XX 20	Ø 17 - 20	1	1.150	■ C
54215 17 XX 25	Ø 17 - 25	1	1.200	■ C
54215 17 XX 30	Ø 17 - 30	1	1.300	■ C
54215 17 XX 40	Ø 17 - 40	1	1.300	■ C
54215 17 XX 50	Ø 17 - 50	1	1.300	■ C

Note: Replace "XX" with the desired flow;
08 for 0,8 LPH - 13 for 1,3 LPH etc. (Check Flow rates availability in the chart)

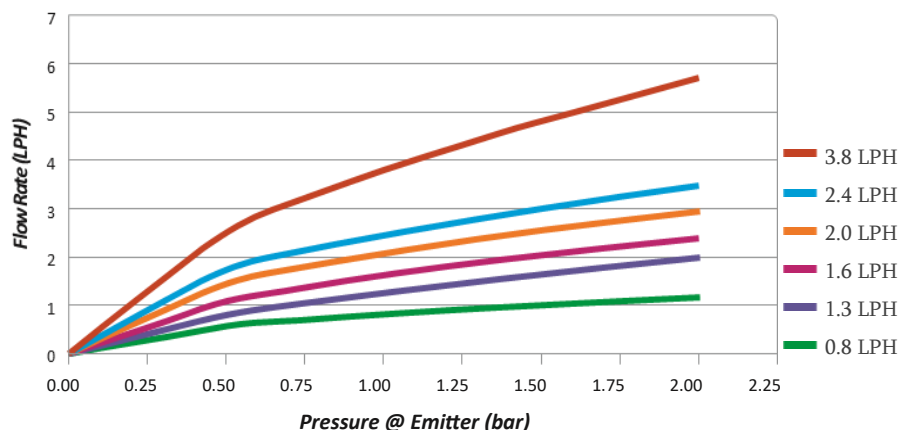
Available upon request in reels of 500 meters



Polyethylene & Soft Pipes

Pafos (Driptapes)

Pafos Emitters Flow Curves



Pafos Emitter Specifications - Flat Turbulent Emitter

The world's most proven and trusted flat turbulent emitter, used for more than 20 years worldwide.

A high turbulent flow path design creates a vortex effect inside the emitter and therefore prevents clogging.

Pafos Driptapes Specifications

Product Name		Diameter		Wall Thickness	Maximum Operating Pressure	Flow Rate	Coil Length
		Nominal	Internal				
Name	Code	(mm)	(mm)	(mm)	(bar)	(LPH)	(meters)
Pafos	542	17	16.1	6	1.0	0,8	2300 (15cm) 2400(20cm) 2500 (25cm) 2600(>30cm)
						1,3	
						1,6	
						2,0	
						2,4	
						3,8	
				8	1.2	0,8	2200 (15cm) 2300(20cm) 2400 (25cm) 2500(>30cm)
						1,3	
						1,6	
						2,0	
						2,4	
						3,8	
				10	1.4	0,8	1800 (15cm) 2000(20cm) 2100 (25cm) 2300(>30cm)
						1,3	
						1,6	
						2,0	
						2,4	
						3,8	
				12	1.5	0,8	1300 (15cm) 1400(20cm) 1500 (25cm) 1700(>30cm)
						1,3	
						1,6	
						2,0	
						2,4	
						3,8	
				15	1.8	0,8	1050 (15cm) 1150(20cm) 1200 (25cm) 1300(>30cm)
						1,3	
						1,6	
						2,0	
						2,4	
						3,8	

Indicative Maximum Recommended Length @ 0% slope & 10% Flow Variation (meters)

Emitter Spacing					
15cm	20cm	25cm	30cm	40cm	50cm
95	117	137	156	191	223
71	87	103	117	142	166
61	75	88	100	122	143
52	65	76	86	106	124
47	58	69	78	96	112
34	43	50	57	70	81
95	117	137	156	191	223
71	87	103	117	142	166
61	75	88	100	122	143
52	65	76	87	106	124
47	59	69	79	96	112
34	43	50	57	70	81
95	117	137	156	191	223
71	87	103	117	142	166
61	75	88	100	122	143
52	65	76	87	106	124
48	59	69	79	96	113
34	43	50	57	70	81
95	117	137	156	191	223
71	87	103	117	142	166
61	75	88	100	122	143
52	65	76	87	106	124
48	59	69	79	96	113
34	43	50	57	70	81
95	117	137	156	191	223
71	87	103	117	142	166
61	75	88	100	122	143
52	65	76	87	106	124
48	59	70	79	97	113
34	43	50	57	70	81

Ideal Applications

Row crops, Orchards, Vegetables, etc.

Suitable for surface installations

Good resistance to agrochemicals

Manufactured from the finest raw materials providing: durability and long-lasting performance



NEW

No.
54006

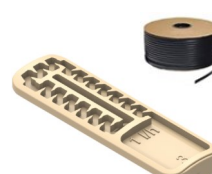


Pafos Nano Drip Tape - 6 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54006 17 XX 15	Ø 17 - 15	1	2.600	■ C
54006 17 XX 20	Ø 17 - 20	1	2.700	■ C
54006 17 XX 25	Ø 17 - 25	1	2.800	■ C
54006 17 XX 30	Ø 17 - 30	1	2.900	■ C
54006 17 XX 40	Ø 17 - 40	1	3.000	■ C
54006 17 XX 50	Ø 17 - 50	1	3.000	■ C

NEW

No.
54008



Pafos Nano Drip Tape - 8 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54008 17 XX 15	Ø 17 - 15	1	2.500	■ C
54008 17 XX 20	Ø 17 - 20	1	2.600	■ C
54008 17 XX 25	Ø 17 - 25	1	2.700	■ C
54008 17 XX 30	Ø 17 - 30	1	2.800	■ C
54008 17 XX 40	Ø 17 - 40	1	2.900	■ C
54008 17 XX 50	Ø 17 - 50	1	2.900	■ C

NEW

No.
54010



Pafos Nano Drip Tape - 10 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54010 17 XX 15	Ø 17 - 15	1	2.100	■ C
54010 17 XX 20	Ø 17 - 20	1	2.200	■ C
54010 17 XX 25	Ø 17 - 25	1	2.300	■ C
54010 17 XX 30	Ø 17 - 30	1	2.400	■ C
54010 17 XX 40	Ø 17 - 40	1	2.500	■ C
54010 17 XX 50	Ø 17 - 50	1	2.500	■ C

NEW

No.
54012



Pafos Nano Drip Tape - 12 mil

Code	Diameter - Spacing	Packing		Note
	mm - cm	Coil	met.	
54012 17 XX 15	Ø 17 - 15	1	1.700	■ C
54012 17 XX 20	Ø 17 - 20	1	1.800	■ C
54012 17 XX 25	Ø 17 - 25	1	1.900	■ C
54012 17 XX 30	Ø 17 - 30	1	2.000	■ C
54012 17 XX 40	Ø 17 - 40	1	2.000	■ C
54012 17 XX 50	Ø 17 - 50	1	2.000	■ C

Note: Replace "XX" with the desired flow;
06 for 6,6 LPH - 10 for 1,0 LPH etc.

(Check Flow rates availability in the chart)

Available upon request in reels of 500 meters



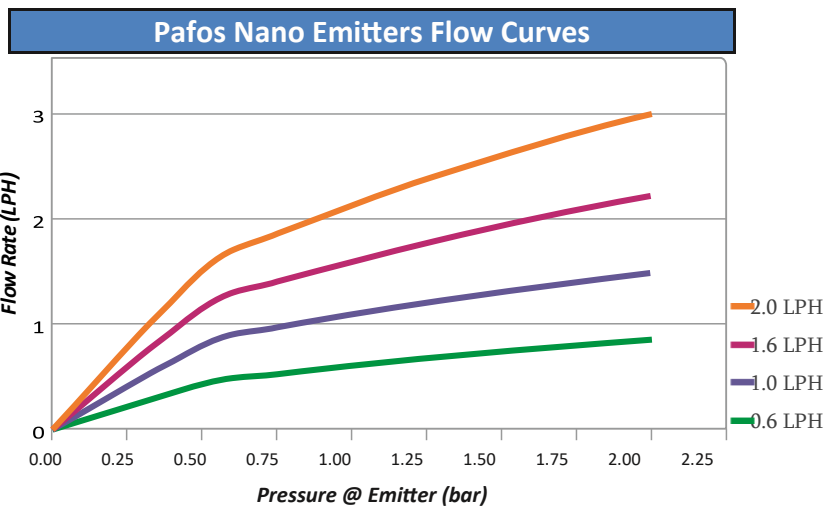
Polyethylene & Soft Pipes

Pafos Nano (Driptapes)



Compact dimensions and low weight

The small dimensions of Pafos Nano emitter along with its curved side design provide a very low kd factor. This leads to extremely low friction losses on Pafos Nano driptapes.



Pafos Nano Driptapes Specifications							
Product Name		Diameter		Wall Thickness	Maximum Operating Pressure	Flow Rate	Coil Length
		Nominal	Internal				
Name	Code	(mm)	(mm)	(mm)	(bar)	(LPH)	(meters)
Pafos Nano	540	17	16.1	6	1.0	0.6	2700 (15cm)
						1.0	2800(20cm)
						1.6	2900 (25cm)
						2.0	3000(>30cm)
				8	1.2	0.6	2600 (15cm)
						1.0	2700(20cm)
						1.6	2800 (25cm)
						2.0	2900(>30cm)
				10	1.4	0.6	2200 (15cm)
						1.0	2300(20cm)
						1.6	2400 (25cm)
						2.0	2500(>30cm)

Indicative Maximum Recommended Length @ 0% slope & 10% Flow Variation (meters)						
Emitter Spacing						
15cm	20cm	25cm	30cm	40cm	50cm	
132	161	188	212	257	299	
88	108	126	142	172	200	
68	83	97	109	132	154	
56	68	79	89	108	126	
134	163	190	215	261	303	
89	109	127	143	174	202	
68	83	97	110	134	155	
56	68	80	90	109	127	
135	165	192	217	264	306	
90	110	128	145	176	204	
69	84	98	111	134	156	
56	69	80	90	110	127	

Ideal Applications

Precision irrigation, Uneven terrain, Row crops,

Orchards, Vegetables, Gardening, Landscaping, Multiple Pulse Irrigation

Suitable for both on surface and subsurface installations

Very high resistance to agrochemicals and hard field conditions

Manufactured from the finest raw materials providing: durability and long-lasting performance

NEW



No.
53615

Pafos PC Drip Tape - 15 mil

Code	Diameter - Spacing	Packing			Note
	mm - cm	Coil	met.		
53615 17 XX 20	Ø 17 - 20	1	850		■ C
53615 17 XX 25	Ø 17 - 25	1	900		■ C
53615 17 XX 30	Ø 17 - 30	1	950		■ C
53615 17 XX 40	Ø 17 - 40	1	950		■ C
53615 17 XX 50	Ø 17 - 50	1	950		■ C
53615 17 XX 75	Ø 17 - 75	1	950		■ C
53615 17 XX 90	Ø 17 - 90	1	950		■ C

NEW

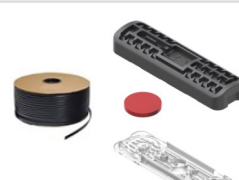


No.
53625

Pafos PC Drip Tape - 25 mil

Code	Diameter - Spacing	Packing			Note
	mm - cm	Coil	met.		
53625 17 XX 20	Ø 17 - 20	1	650		■ C
53625 17 XX 25	Ø 17 - 25	1	650		■ C
53625 17 XX 30	Ø 17 - 30	1	700		■ C
53625 17 XX 40	Ø 17 - 40	1	700		■ C
53625 17 XX 50	Ø 17 - 50	1	700		■ C
53625 17 XX 75	Ø 17 - 75	1	700		■ C
53625 17 XX 90	Ø 17 - 90	1	700		■ C

NEW



No.
53635

Pafos PC Drip Tape - 35 mil

Code	Diameter - Spacing	Packing			Note
	mm - cm	Coil	met.		
53635 17 XX 20	Ø 17 - 20	1	400		■ C
53635 17 XX 25	Ø 17 - 25	1	400		■ C
53635 17 XX 30	Ø 17 - 30	1	400		■ C
53635 17 XX 40	Ø 17 - 40	1	400		■ C
53635 17 XX 50	Ø 17 - 50	1	400		■ C
53635 17 XX 75	Ø 17 - 75	1	400		■ C
53635 17 XX 90	Ø 17 - 90	1	400		■ C

Drain, Non-Drain and Antisiphon options

The antisiphon (AS) system both in **D** (Drain) and **ND** (Non-Drain) versions is a specially designed mechanism that prevents suction of dirt and impurities into the emitter. The AS feature enables Morfou PC driptape to be installed underground (SDI), perfectly maintaining its irrigation characteristics and its multiyear durability. With the Non-drain system, the driptape remains full of water during irrigation intervals, ensuring immediate and uniform irrigation along the driptape. Moreover, Non-Drain emitters eliminate drainage & refill effect, and improve efficiency in pulse irrigation. To achieve the Non-Drain function, the emitter opens at 0,40 bar and closes at 0,25 bar.

Note: Replace "XX" with the desired flow;
11 for 1,1 LPH - 15 for 1,5 LPH or 24 for 2,4 LPH

Add "**ND**" at the end of the code for Non Drain
Add "**AS**" at the end of the code for Anti-Siphon



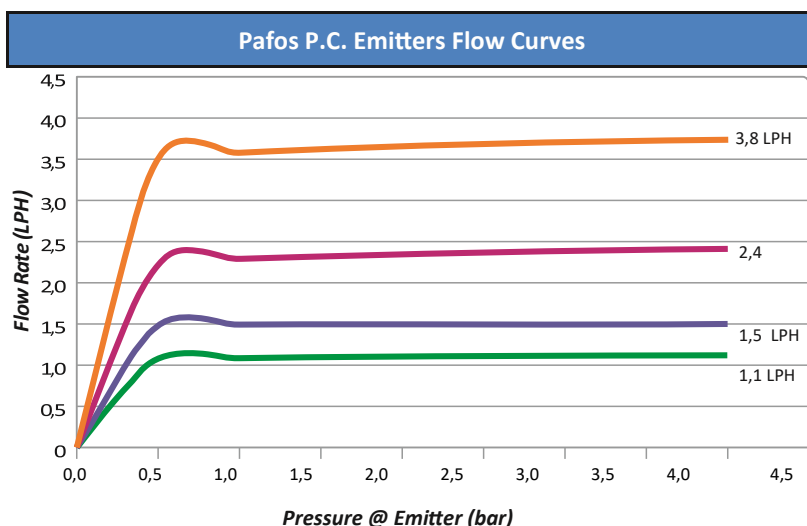
Polyethylene & Soft Pipes

Pafos PC (PC Driptapes with Flat Emitters)



Laser Welding Technology

Pafos PC emitter is welded using state of the art laser welding technology. The particular emitter assembly procedure, ensures flawless operation of the driptape under any condition. Moreover, this advanced welding method prevents leaks in the event of extremely high pressure or the opening of the emitter during installation and retraction of the dripline in the field



Pafos P.C. Driptapes Specifications							
Product Name		Diameter		Wall Thickness	Maximum Operating Pressure	Flow Rate	Coil Length
		Nominal	Internal				
Name	Code	(mm)	(mm)	(mm)	(bar)	(LPH)	(meters)
Pafos P.C.	537	17	16.1	15	2.1	1.1	850 (20cm) 900 (25cm) 950(>30cm)
						1.5	
						2.4	
						3.8	
				25	2.5	1.1	650 (20cm) 650 (25cm) 700(>30cm)
						1.5	
						2.4	
						3.8	
				35	3.0	1.1	400(>30cm)
						1.5	
						2.4	
						3.8	

Indicative Maximum Recommended Length @ 2 bar (meters)						
Emitter Spacing						
15cm	20cm	30cm	50cm	75cm	100cm	
132	169	234	347	467	574	
103	131	182	270	364	447	
82	104	145	215	290	356	
61	77	108	160	215	265	
146	186	258	383	516	634	
113	144	201	298	402	494	
90	115	160	237	320	393	
67	85	118	177	238	293	
157	200	278	413	557	684	
122	156	217	322	434	534	
97	124	172	256	345	424	
72	92	128	191	257	316	