

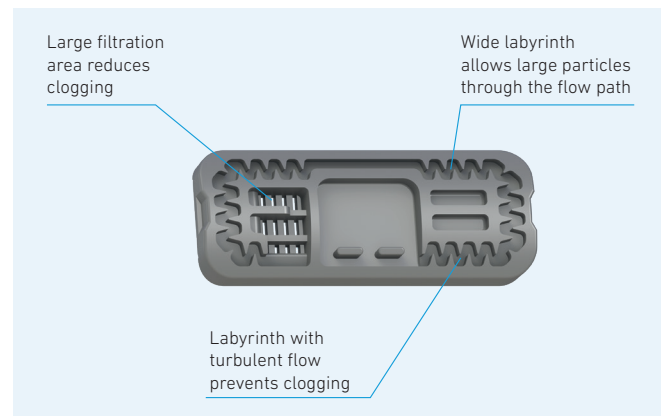


APPLICATIONS

- Row crops
- Field crops
- Vegetables
- Greenhouses
- Landscaping

FEATURES

- Small flat integral dripper, cost-effective
- Injected dripper, very low CV value (<3%)
- Large filtration area with superior clogging resistance
- Wide water passage labyrinth with turbulent flow - prevents particle settling
- High UV resistant
- Resistant to chemicals and fertilizers used in agriculture



TECHNICAL DATA

Nominal diameter:

16 / 22 / 25 mm

Wall thickness:

6 mil-16 mil (0,15-0,40 mm)

Nominal flow rate (1 bar):

0,8 / 1,2 / 1,6 / 2,0 / 2,2 / 2,6 / 3,2 lph

Required filtration:

125 micron / 120 mesh

Dripper spacing:

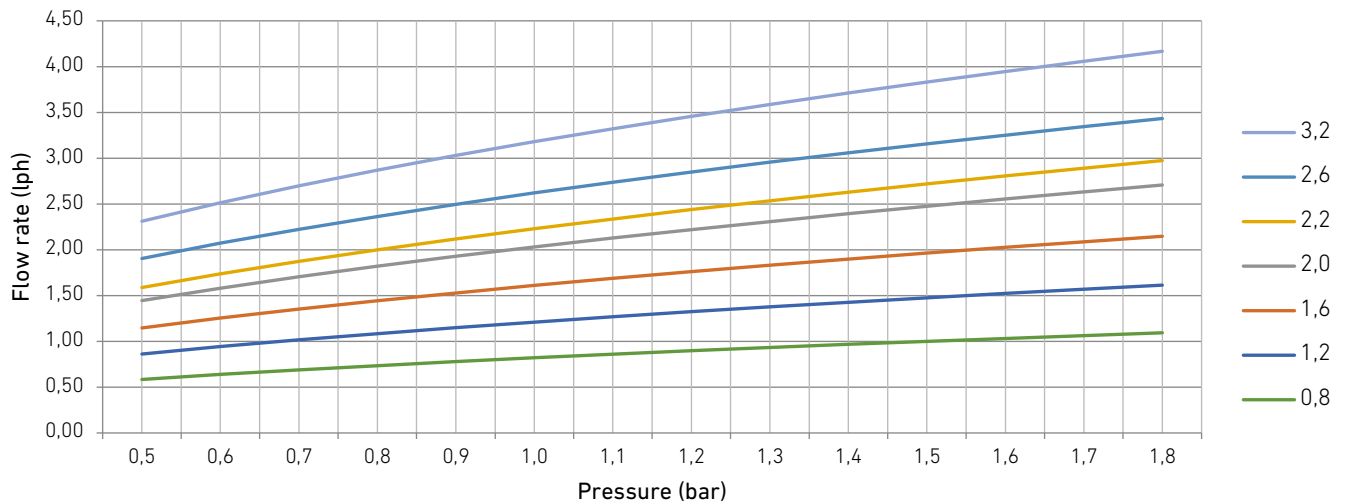
15-120 cm

Related standards:

ISO 9261 Agricultural irrigation equipment -- Emitters and emitting pipe -- Specifications and test methods



FLOW RATE VS. PRESSURE



Nominal flow rate lph (1 bar)	Pressure bar													
	0,5	0,6	0,7	0,8	0,9	1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8
0,8	0,58	0,64	0,69	0,74	0,78	0,82	0,86	0,90	0,93	0,97	1,00	1,03	1,06	1,09
1,2	0,86	0,94	1,02	1,08	1,15	1,21	1,27	1,32	1,38	1,43	1,48	1,52	1,57	1,61
1,6	1,15	1,25	1,35	1,44	1,53	1,61	1,69	1,76	1,83	1,90	1,96	2,03	2,09	2,15
2,0	1,45	1,58	1,70	1,82	1,93	2,03	2,13	2,22	2,31	2,39	2,48	2,56	2,63	2,71
2,2	1,59	1,74	1,87	2,00	2,12	2,23	2,34	2,44	2,54	2,63	2,72	2,81	2,89	2,97
2,6	1,90	2,07	2,22	2,36	2,50	2,62	2,74	2,85	2,96	3,06	3,16	3,25	3,34	3,43
3,2	2,31	2,51	2,70	2,87	3,03	3,18	3,32	3,46	3,59	3,71	3,83	3,95	4,06	4,17

16 MM | TECHNICAL SPECIFICATIONS

Code	Wall thickness mil/mm	Inner diameter mm	Max working pressure bar	Dripper spacing cm	Reel length (Type A) m	Reel length (Type B) m	Reel length (Type C) m
016 FLD 006 XXX SXX	6/0,15	16,0	0,8	15	2200	900	500
				20	2500	1000	
				25	2600		
				30≤	2700		
016 FLD 008 XXX SXX	8/0,20	16,0	1,0	15	1800	800	500
				20-25	2000	900	
				30≤	2100		
016 FLD 010 XXX SXX	10/0,25	16,0	1,2	15	1500	650	-
				20-25	1600	700	
				30≤	1700		
016 FLD 012 XXX SXX	12/0,30	16,0	1,4	15	1200	-	-
				20-25	1300		
				30≤	1400		
016 FLD 014 XXX SXX	14/0,35	15,9	1,6	15	1100	-	-
				20-25	1200		
				30≤	1250		
016 FLD 016 XXX SXX	16/0,40	15,9	1,8	15	950	-	-
				20-25	1000		
				30≤	1100		

22 MM | TECHNICAL SPECIFICATIONS

Code	Wall thickness <i>mil/mm</i>	Inner diameter <i>mm</i>	Max working pressure <i>bar</i>	Dripper spacing <i>cm</i>	Reel length (Type A) <i>m</i>
022 FLD 008 XXX SXX	8/0,20	22,0	0,8	15	1400
				20-25	1500
				30≤	1600
022 FLD 010 XXX SXX	10/0,25	22,0	1,0	15	1100
				20-25	1200
				30≤	1250
022 FLD 012 XXX SXX	12/0,30	22,0	1,2	15	950
				20-25	1000
				30≤	1100
022 FLD 014 XXX SXX	14/0,35	21,9	1,4	15	800
				20-25	850
				30≤	900
022 FLD 016 XXX SXX	16/0,40	21,9	1,6	15	700
				20-25	750
				30≤	800

25 MM | TECHNICAL SPECIFICATIONS

Code	Wall thickness <i>mil/mm</i>	Inner diameter <i>mm</i>	Max working pressure <i>bar</i>	Dripper spacing <i>cm</i>	Reel length (Type A) <i>m</i>
025 FLD 010 XXX SXX	10/0,25	25,0	0,9	15	950
				20-25	1000
				30≤	1100
025 FLD 012 XXX SXX	12/0,30	25,0	1,1	15	850
				20-25	900
				30≤	1000
025 FLD 014 XXX SXX	14/0,35	24,9	1,3	15	750
				20-25	800
				30≤	850
025 FLD 016 XXX SXX	16/0,40	24,9	1,5	15	650
				20-25	700
				30≤	750

CODING INFORMATION

XXX	
Nominal diameter	
16 mm	016
22 mm	022
25 mm	025

FLD

XXX	
Wall thickness	
6 mil	006
8 mil	008
10 mil	010
12 mil	012
14 mil	014
16 mil	016

XXX	
Dripper spacing	
15 cm	015
20 cm	020
25 cm	025
30 cm	030
33 cm	033
40 cm	040
50 cm	050
60 cm	060
75 cm	075
100 cm	100
120 cm	120

SXX	
Flow rate	
0,8 lph	S08
1,2 lph	S12
1,6 lph	S16
2,0 lph	S20
2,2 lph	S22
2,6 lph	S26
3,2 lph	S32

16 MM | MAX RECOMMENDED LATERAL LENGTH (M)

• Flat terrain (0% slope) • 10% Flow variation • Inlet pressure 1 bar

Nominal flow rate lph	Dripper spacing cm										
	15	20	25	30	33	40	50	60	75	100	120
0,8	91	115	136	153	164	186	216	244	281	341	380
1,2	71	90	106	119	128	145	168	190	219	266	296
1,6	59	74	87	98	105	119	138	156	180	218	243
2,0	52	64	76	85	91	104	120	136	156	190	211
2,2	49	61	73	82	88	99	115	130	150	182	203
2,6	44	56	67	75	80	91	106	119	138	167	186
3,2	39	50	59	66	71	80	93	105	121	147	164

22 MM | MAX RECOMMENDED LATERAL LENGTH (M)

• Flat terrain (0% slope) • 10% Flow variation • Inlet pressure 1 bar

Nominal flow rate lph	Dripper spacing cm										
	15	20	25	30	33	40	50	60	75	100	120
0,8	174	217	253	281	300	336	384	429	486	579	637
1,2	136	170	198	220	234	262	300	334	379	452	497
1,6	112	139	162	180	192	215	246	274	311	370	408
2,0	97	121	141	157	167	187	214	238	271	322	355
2,2	92	116	135	150	160	179	205	229	260	309	340
2,6	84	106	124	138	147	164	188	210	238	283	312
3,2	74	94	109	121	129	145	165	185	210	249	275

25 MM | MAX RECOMMENDED LATERAL LENGTH (M)

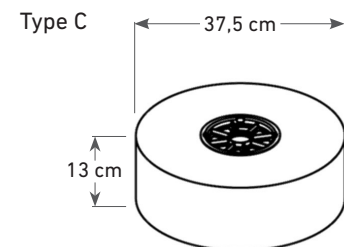
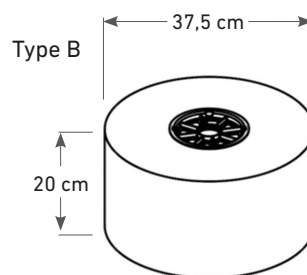
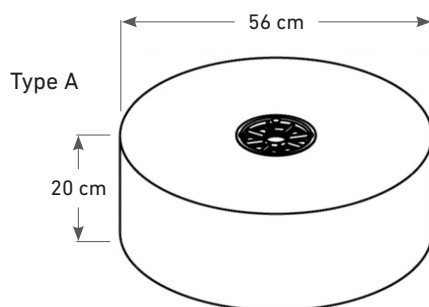
• Flat terrain (0% slope) • 10% Flow variation • Inlet pressure 1 bar

Nominal flow rate lph	Dripper spacing cm										
	15	20	25	30	33	40	50	60	75	100	120
0,8	224	281	327	363	387	433	496	553	628	747	823
1,2	176	219	255	283	302	338	387	432	490	583	642
1,6	144	179	209	232	248	277	317	354	402	478	526
2,0	125	156	182	202	215	241	276	308	349	416	458
2,2	120	150	175	194	207	231	265	296	335	399	440
2,6	110	137	160	178	190	212	243	271	307	366	403
3,2	96	121	141	157	167	187	214	238	271	322	355

LOADING DATA

	Reel dimensions		20'		40'		40' HC	
	Diameter cm	Height cm	Reels per pallet	Number of reels per container	Reels per pallet	Number of reels per container	Reels per pallet	Number of reels per container
Type A	56	20	40	400	40	800 + 44*	44	880 + 48*
Type B	37,5	20	90	900	90	1800 + 66*	99	1980 + 72*
Type C	37,5	13	135	1350	135	2700 + 96*	153	3060 + 108*

* Loose reels



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