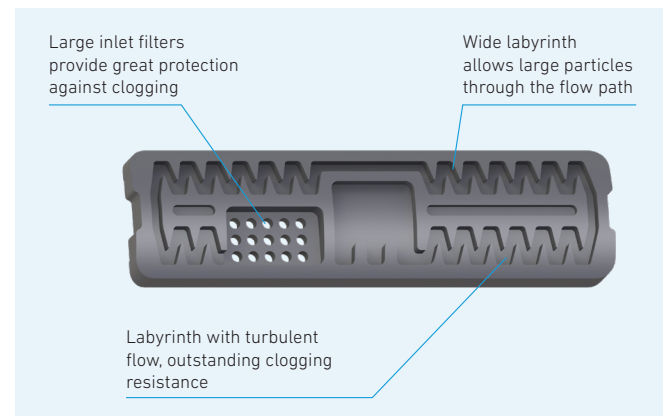


APPLICATIONS

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

FEATURES

- Flat integral dripper, high clog-resistant
- 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-24 mil (0,15-0,60 mm)

Nominal flow rate (1 bar):

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

Required filtration:

125 micron / 120 mesh

Dripper spacing:

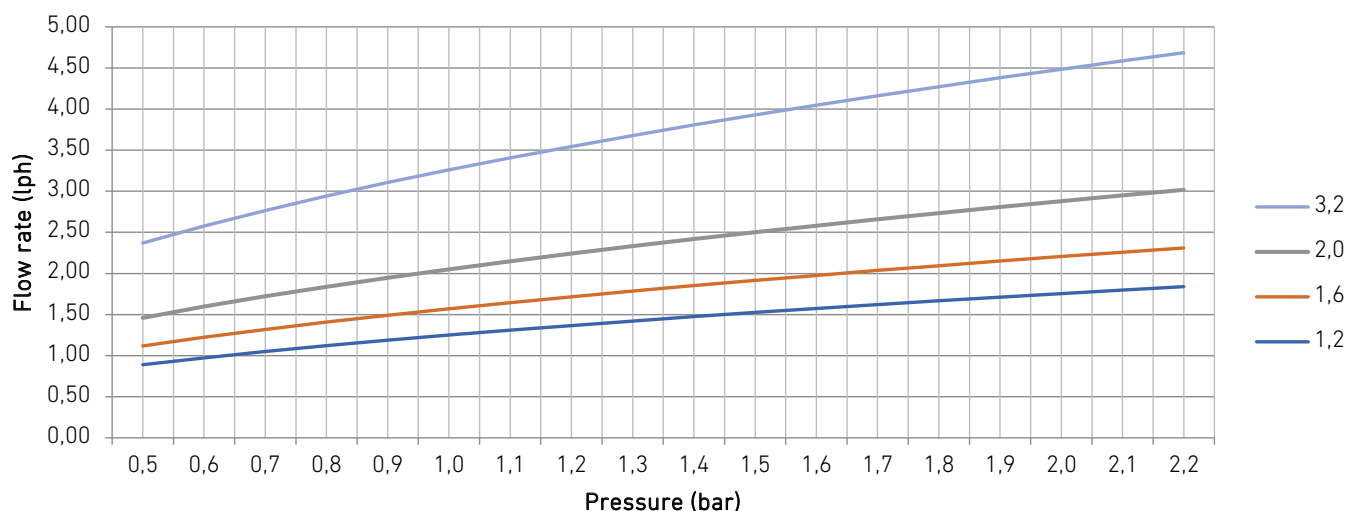
15-120 cm

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	1,9	2,0	2,1	2,2
1,2	0,89	0,97	1,05	1,12	1,19	1,25	1,31	1,37	1,42	1,47	1,52	1,57	1,62	1,67	1,71	1,76	1,80	1,84
1,6	1,12	1,22	1,32	1,41	1,49	1,57	1,65	1,72	1,79	1,85	1,92	1,98	2,04	2,09	2,15	2,20	2,26	2,31
2,0	1,46	1,60	1,72	1,84	1,95	2,05	2,15	2,24	2,33	2,42	2,50	2,58	2,66	2,73	2,81	2,88	2,95	3,02
3,2	2,37	2,58	2,77	2,94	3,11	3,26	3,41	3,55	3,68	3,81	3,93	4,05	4,16	4,27	4,38	4,48	4,59	4,69

16 MM | TECHNICAL SPECIFICATIONS

Code	Wall thickness mil/mm	Inner diameter mm	Max working pressure bar	Dripper spacing cm	Reel length (Type A) m
016 FLD 006 XXX HXX	6/0,15	16,0	0,8	20	2200
				25	2400
				30≤	2500
016 FLD 008 XXX HXX	8/0,20	16,0	1,0	15	1700
				20	1800
				25	1900
016 FLD 010 XXX HXX	10/0,25	16,0	1,2	30≤	2000
				15	1400
				20-25	1500
016 FLD 012 XXX HXX	12/0,30	16,0	1,4	30≤	1600
				15	1150
				20-25	1250
016 FLD 014 XXX HXX	14/0,35	15,9	1,6	30≤	1350
				15	1000
				20-25	1100
016 FLD 016 XXX HXX	16/0,40	15,9	1,8	30≤	1200
				15	900
				20-25	950
016 FLD 020 XXX HXX	20/0,50	15,8	2,0	30≤	1000
				15	750
016 FLD 024 XXX HXX	24/0,60	15,7	2,2	20≤	800
				15	650
				20≤	700

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 HXX	8/0,20	22,0	0,8	15	1300
				20-25	1400
				30≤	1500
022 FLD 010 XXX HXX	10/0,25	22,0	1,0	15	1000
				20-25	1100
				30≤	1200
022 FLD 012 XXX HXX	12/0,30	22,0	1,2	15	900
				20-25	950
				30≤	1000
022 FLD 014 XXX HXX	14/0,35	21,9	1,4	15	750
				20-25	800
				30≤	850
022 FLD 016 XXX HXX	16/0,40	21,9	1,6	15	650
				20-25	700
				30≤	750
022 FLD 020 XXX HXX	20/0,50	21,8	1,8	15	550
				20≤	600
022 FLD 024 XXX HXX	24/0,60	21,7	2,0	15	450
				20≤	500

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 HXX	10/0,25	25,0	0,9	15	850
				20-25	900
				30≤	1000
025 FLD 012 XXX HXX	12/0,30	25,0	1,1	15	800
				20-25	850
				30≤	900
025 FLD 014 XXX HXX	14/0,35	24,9	1,3	15	700
				20-25	750
				30≤	800
025 FLD 016 XXX HXX	16/0,40	24,9	1,5	15	600
				20-25	650
				30≤	700
025 FLD 020 XXX HXX	20/0,50	24,8	1,7	15	500
				20≤	550
025 FLD 024 XXX HXX	24/0,60	24,7	1,9	15	400
				20≤	450

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
20 mil	020
24 mil	024

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

HXX	
Flow rate	
1,2 lph	H12
1,6 lph	H16
2,0 lph	H20
3,2 lph	H32

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
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
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
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
3,2	74	94	109	121	129	145	165	185	210	249	275

25 MM | MAX RECOMMENDED LATERAL LENGTH (M)

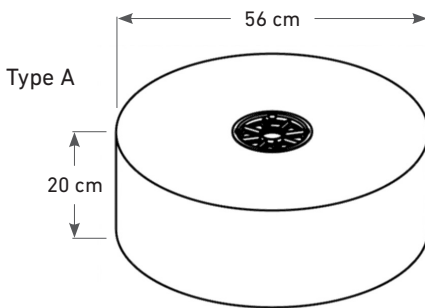
• Flat terrain (0% slope) • 10% Flow variation • Inlet pressure 1 bar

Nominal flow rate lph	Dripper spacing cm										
	15	20	25	30	33	40	50	60	75	100	120
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
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*

* Loose reels



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