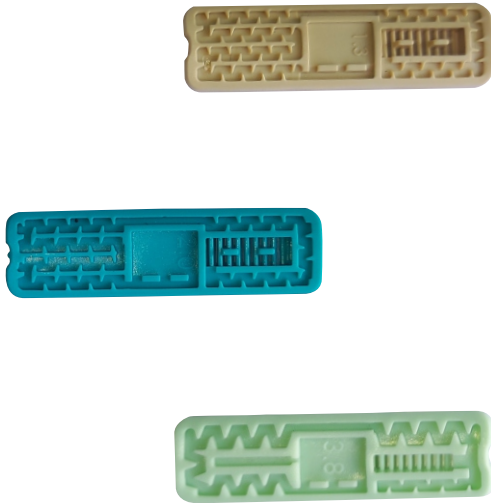


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Light Wall Thickness Slimline

Salient Features

- ◆ Large, wide and deep flow path cross section to minimize clogging.
- ◆ Pressure moulded emitter with sharper teeth for turbulent flow and self-cleaning mechanism.
- ◆ Ultra soft dripper for added flexibility.
- ◆ Precise water delivery system promotes uniform growth and higher yields.
- ◆ Suitable for seasonal field crops.
- ◆ Diameters : 12 mm (0.460") , 16 mm (0.550") and 20 mm (0.710")
- ◆ Wall Thickness Range : 0.3 mm (12 mil) to 0.6 mm (24 mil)
- ◆ Discharge : 0.8, 1.3, 1.6 , 2.0, 2.4 and 3.8 LPH | 0.21, 0.34, 0.42, 0.52, 0.63 and 1.0 GPH

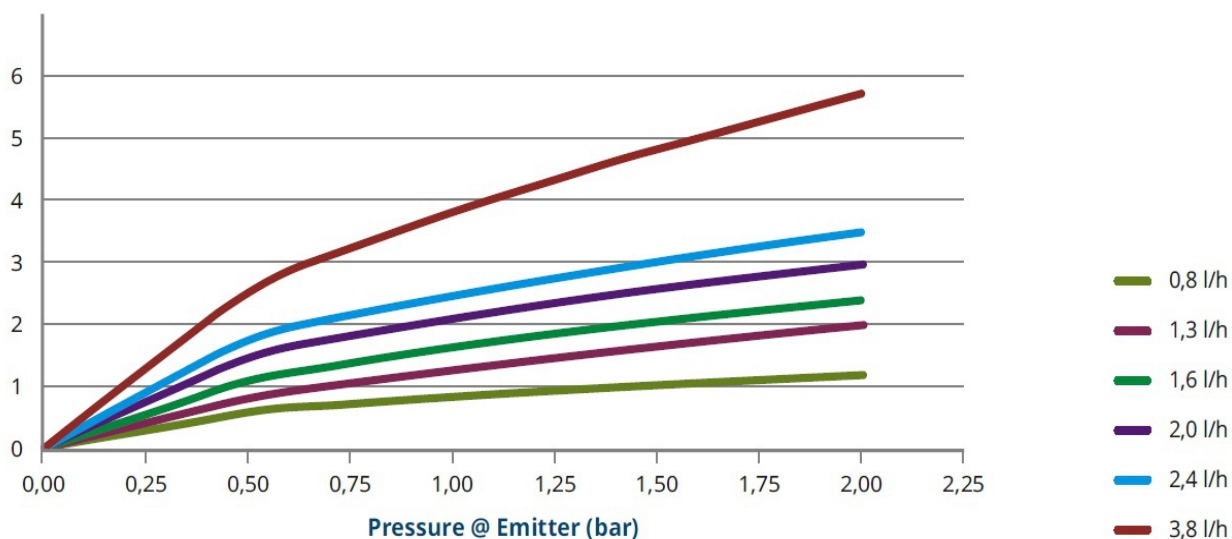
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Technical Specifications

Nominal Flow Rate LPH (GPH)	Constant K Bar (PSI)	Exponent (x)	Coefficient of Variation CV (%)	Recommended Filtration (Mesh/Micron)
0.8 (0.21)	0.82 (11.66)	0.48	1.4	150/90
1.3 (0.34)	1.25 (17.77)	0.49	1.6	120/125
1.6 (0.42)	1.61 (22.89)	0.49	1.8	120/125
2.0 (0.52)	2.07 (29.43)	0.47	1.7	120/125
2.4 (0.63)	2.46 (34.98)	0.48	2.1	120/125
3.8 (1.00)	3.8 (54.03)	0.49	2.2	120/125

LEO Emitter Flow Curves



LEO MAXIMUM EXTENDABLE LENGTH

Inline Size mm (Inch)	Discharge LPH (GPH)	Dripper Spacing (cm.)				
		20	30	40	50	60
12 mm (0.460")	0.8(0.21)	69	92	112	131	148
	1.3(0.34)	50	67	82	95	107
	1.6(0.42)	44	58	71	83	94
	2.0(0.52)	38	50	61	71	80
	2.4(0.63)	34	45	55	64	72
	3.8(1.00)	25	33	40	47	53
16mm (0.550")	0.8(0.21)	113	150	183	213	241
	1.3(0.34)	82	109	133	155	175
	1.6(0.42)	71	95	116	136	153
	2.0(0.52)	61	82	100	116	131
	2.4(0.63)	55	73	89	104	118
	3.8(1.00)	41	54	66	77	87
20mm (0.710")	0.8(0.21)	168	224	273	318	359
	1.3(0.34)	122	163	198	231	262
	1.6(0.42)	106	142	173	202	229
	2.0(0.52)	91	121	148	173	196
	2.4(0.63)	82	109	133	155	175
	3.8(1.00)	60	81	98	115	130
MAXIMUM RECOMMENDED DRIP-LINE LENGTH (METER) ON FLAT TERRAIN AT 1.00 KG/CM2 (10% PERMITTED FLOW VARIATION)						

FITTINGS & SYSTEM COMPONENTS



AquaDisc Automatic Filter

Simple, compact & cost-effective fully automatic disc filter equipped with "FILTER SMART" controller to protect your irrigation system



Automatic Screen Filter

Efficient and durable Screen Filter, low pressure Compatible, Automatic/Manual Mode



Sand Media Filter

All-weather compatible corrosion-free, lightweight & durable sand media filter Automatic/Manual available



PP Ball Valve

High Quality, tough and U.V resistant ball valve 3/4 - 4' size available



Pressure Reducing Valve

High flow capacity, minimum pressure loss, rapid response and can be operated manually/electronically



Polyethylene Tubing

Manufactured using cutting-edge machinery for extended life



Multi-Station Controller

Powerful, programmable, economical, interactive multistation Drip controller



Fertilizer Injector

Self Operated through water pressure with in system Available in 3/4", 1", 1 1/2" & 2" Sizes



Air Valves

Continuous acting air release/ vacuum relief valve durable, weather resistant and non-corrosive.



Start Connector & End Cap

Connects Submain Pipes to Laterals. Used at the end of Driplines



Grommet

Take-off grommet for water tight shield from start connection



Coupler / Connector

Premium heavy duty connectors featuring up to 3 barb for strong grip

