

IN-LINE DRIPPER

For Orchards, Deciduous & Trees irrigation
Row Crops & Kitchen gardens

- Turbulent flow, wide water passages
- Ensure minimal manufacturing variation
- Drippers can be inserted in two different sized pipe diameters



IN-LINE dripper parts



IN-LINE DRIPPER TECHNICAL DATA

Model	Working pressure range (bar)	nominal flow rate (l/h)	water passage dimensions width-depth-length (mm)	coefficient K	exponent X
1	0.5-2.5	1.1	0.84x0.80x354	0.348	0.48
2	0.5-2.5	2.1	1.18x1.10x357	0.696	0.48
4	0.5-2.5	4.0	1.44x1.35x258	1.330	0.48
8	0.5-2.5	8.0	1.95x1.44x195	2.649	0.48

IN-LINE DRIPPER FLOW VS. PRESSURE

Model nom. flow	flow rate (l/h) vs. pressure (bar)				
	0.5	1.0	1.5	2.0	2.5
1.1	0.8	1.1	1.3	1.5	1.6
2.1	1.5	2.1	2.6	2.9	3.3
4.0	2.9	4.0	4.9	5.6	6.2
8.0	5.7	8.0	9.7	11.2	12.4



IN-LINE DRIPPERS

IN-LINE drippers maximal lateral length (m)

Tube PE • *O.D. 12.5 mm • **I.D. 10.1 mm • Inlet pressure: 1.4 bar • Flow variation 10% • Kd = 0.66							
Flow rate (l/h)	spacing between drippers (m)						
	0.3	0.4	0.5	0.6	0.8	1.0	1.5
1	49	63	76	88	111	132	179
2	30	38	46	54	68	81	111
4	19	25	31	36	45	54	73

*O.D. (outside diameter) **I.D. (inside diameter)

Tube PE • *O.D. 15.8 mm • **I.D. 13.2 mm • Inlet pressure: 1.4 bar • Flow variation 10% • Kd = 0.66							
Flow rate (l/h)	spacing between drippers (m)						
	0.3	0.4	0.5	0.6	0.8	1.0	1.5
1	87	109	130	149	185	217	289
2	53	66	79	91	112	133	177
4	35	44	52	60	75	88	117
8	22	27	33	37	47	55	73

*O.D. (outside diameter) **I.D. (inside diameter)

All the lengths are calculated in a flat area.

For more information please contact Netafim technical division or connect to Netafim website www.netafim.com.

Dripper model	nom. flow (l/h)	catalog number	quantity (units)	dimensions (cm x cm x cm)	weight (kg)
IN-LINE dripper - for tube 12 mm	1.0	24000-001000	31000	109 x 109 x 94	268
	2.0	24000-001100	31000	109 x 109 x 94	254
	4.0	24000-001200	31000	109 x 109 x 94	253
IN-LINE dripper - for tube 16 mm	1.0	24000-001300	23000	109 x 109 x 94	230
	2.0	24000-001400	23000	109 x 109 x 94	224
	4.0	24000-001500	23000	109 x 109 x 94	214
	8.0	24000-001600	23000	109 x 109 x 94	210

PERFORMANCE DATA

PACKAGING DATA