

In-line drippers

For orchards, deciduous plants and trees, row crops and kitchen garden irrigation

- Turbulent flow, wide water passages
- Ensures minimal manufacturing variation
- To be inserted in a 16 mm O.D. pipe



IN-LINE dripper parts



IN-LINE DRIPPERS TECHNICAL DATA

Model	working pressure range (bar)	nominal flow rate (l/h)	water passage dimensions width-depth-length (mm)	coeficient K	exponent X
2	0.5-2.5	2.10	1.18 x 1.10 x 357	0.696	0.48
4	0.5-2.5	4.00	1.44 x 1.35 x 258	1.330	0.48
8	0.5-2.5	8.00	1.95 x 1.44 x 195	2.649	0.48

DRIPPERS FLOW VS. PRESSURE

Flow rate (l/h) at pressure (bar)

Model	0.5	1.0	1.5	2.0	2.5
2.1	1.51	2.10	2.55	2.93	3.26
4.0	2.88	4.02	4.88	5.60	6.24
8.0	5.74	8.00	9.72	11.16	12.42



IN-LINE DRIPPERS

Tube PE • *O.D. 15.8 mm • **I.D. 13.2 mm • Inlet pressure 1.4 bar • Flow variation 10% • Kd = 0.66

Max. lateral length (m) spacing between drippers (m)

Flow rate (l/h)	0.3	0.4	0.5	0.6	0.8	1.0	1.5
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 lengths are calculated in a plain area.

For more information, please contact Netafim Technical Department, or connect to our website at www.netafim.com.

PERFORMANCE DATA

Dripper model

Dripper model	nom. flow (l/h)	catalog number	quantity (units)	dimensions (cm x cm x cm)	weight (kg)
In-line dripper - for tube 16 mm	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

* According to drippers spacing

PACKAGING DATA