



Tufftif

Turbulent flow on-line dripper

Main features:

- Unique labyrinth with a large cross sectional flow path - provides a turbulent flow and ensures years of non-clogging performance
- Raised port outlet - prevents water run-off along driplines, compatible with Plastro's multi-branched adaptors
- Manufactured from superior durable materials
- Protected against UV degradation
- Resistant to chemicals and fertilizers commonly used in agriculture
- Complies with emission uniformity category A (ISO 9261)

Specifications:

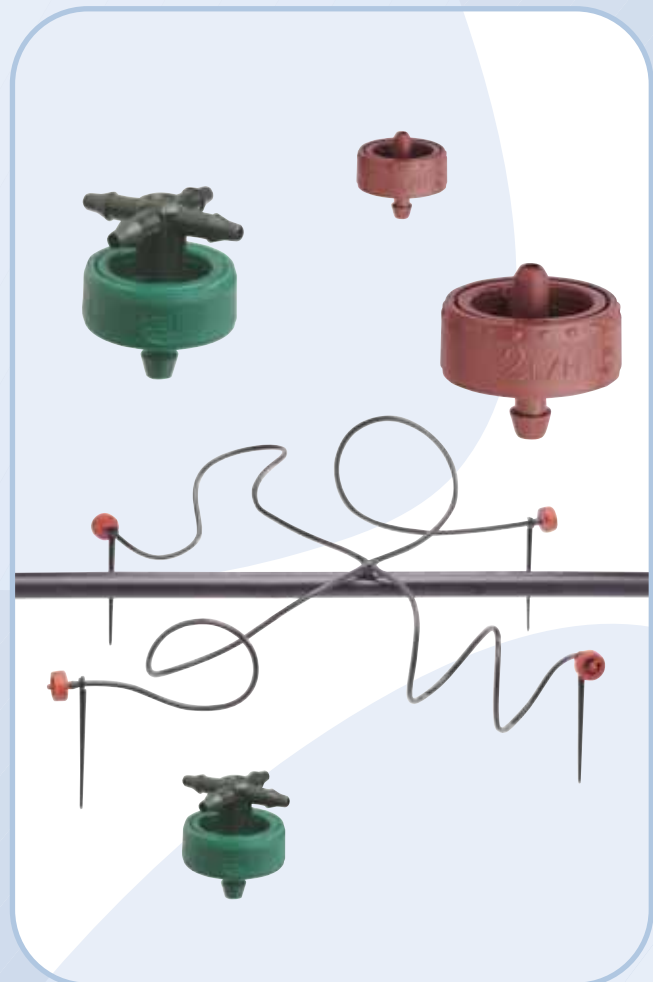
- 4 color-coded flow rates*:
 - Brown - 2.1 lph
 - Black - 4.1 lph
 - Green - 8.0 lph
 - Red - 11.3 lph
- * At inlet pressure of 1.0 bar
- Operation pressure range: 0.8 - 2.5 bar
- Two inlet configurations:
 - Barbed inlet - for online insertion
 - Threaded inlet - for flow rate 2.1 lph, matches 3x5 mm microtube

Installation:

- For barbed inlet - Use 2 mm punch tool.

Applications:

- Fruit orchards, pot plants in nurseries and home gardens

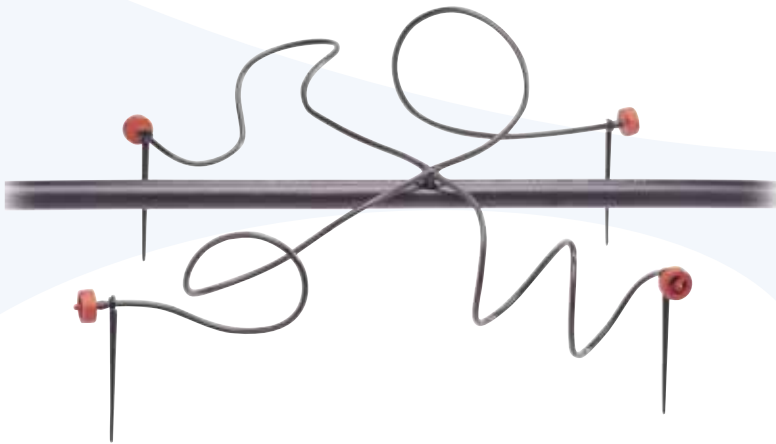




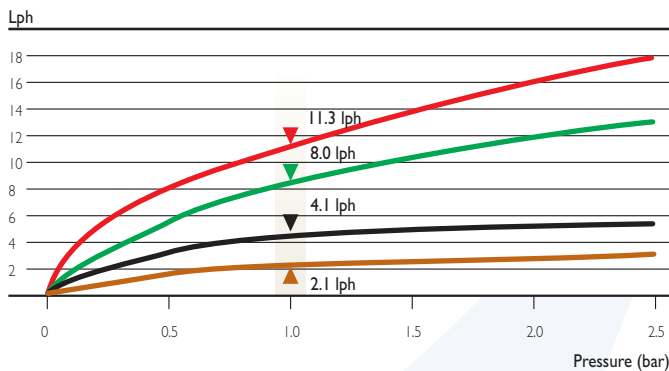
Maximum Recommended Dripline Length* (m) on Flat Terrain

Emitter Spacing (m)	● Brown 2.1 lph			● Black 4.1 lph			● Green 8.0 lph			● Red 11.3 lph		
	Pipe Diameter O.D./I.D (mm)			Pipe Diameter O.D./I.D (mm)			Pipe Diameter O.D./I.D (mm)			Pipe Diameter O.D./I.D (mm)		
	16/13.6	17.8/15.2	20/17.4	16/13.6	17.8/15.2	20/17.4	16/13.6	17.8/15.2	20/17.4	16/13.6	17.8/15.2	20/17.4
0.2	50	61	77	34	41	52	23	28	35	19	23	29
0.3	65	79	100	44	54	68	29	36	45	24	30	38
0.4	78	95	120	53	64	81	35	43	54	29	36	45
0.5	90	110	138	61	74	94	41	49	63	34	41	52
0.6	101	123	155	68	83	105	46	55	70	38	46	58
0.8	122	147	186	82	100	126	54	66	84	46	55	70
1.0	140	170	215	95	115	145	63	76	97	52	64	80
1.2	157	191	241	107	130	163	71	85	108	59	71	90
1.5	174	213	273	117	144	185	78	96	123	65	80	102

* Flow variation: ± 5%



Tufftif - Performance Curves



The data in this leaflet provides general information only. Plastro may redesign and/or modify its products, and may change the information contained herein. For design purposes, see and use Plastro's most updated manual for designers.